

ST. MARY'S COUNTY GOVERNMENT
DEPARTMENT OF
PUBLIC WORKS & TRANSPORTATION
John Deatrick, P.E., AICP, LEED BD+C
Director



COMMISSIONERS OF ST. MARY'S COUNTY
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October 20, 2020

Maryland Department of the Environment
Water and Science Division
Sediment, Stormwater and Dam Safety Program
1800 Washington Boulevard, Suite 440
Baltimore, Maryland 21230-1787

Re: St. Mary's County Year 1 Progress Report
Permit 13-IM-5500
Phase II Small Municipal Separate Storm
Sewer System Permittee

Sir or Madam:

Attached is the St. Mary's County (the County) Phase II Progress Report in accordance with the permit requirements for year two reporting, including our accepted Report from Maryland Environmental Service detailing the results of our Impervious Area Assessment..

The Impervious area assessment was performed in accordance with requirements and guidance provided in the permit and via communications and training opportunities provided by the MDE staff.

This package includes:

- the County-wide BMP database to address the Part VI.C.2.d requirement for annual submission;
- The County's Progress Report address the Part VI.D report requirements;
- The County's Impervious Area Restoration Compliance Report with Recommendations;
- The County's Progress Details Report on the development of its 6 Minimum Control Measures Programs;
- The County's approved Pollution Prevention and Illicit Discharge Detection and Elimination (IDDE) Ordinance;
- The County's IDDE Inspections Standard Operating Procedures and Checklist; and
- The County's response to MDE's comments on the Year 1 Progress Report – Attachment A

The documents above and the spreadsheet of the County-wide BMP database to address the Part VI.C.2.d requirement for annual submission are contained on the accompanying DVD.

The MDE's staff's responsive support during these difficult times continues to be greatly appreciated. We look forward to continuing to work with you in bringing our programs into alignment and focusing our environmental efforts on our County's most immediate needs.

Very truly yours,

John F. Deatrick, P.E. LEED, BD&C
Director of Public Works & Transportation

JFD/mac

Attachment A

cc: John Groeger, Maryland Environmental Service

P.O. BOX 508 ♦ ARNOLD BUILDING ♦ 44825 ST. ANDREWS CHURCH ROAD ♦ CALIFORNIA, MD 20619
PHONE 301.475-4200 EXT 73527 ♦ FAX 301.863-8810 ♦ www.stmarysmd.com

Attachment A – Response to Comments

1. The Progress Report Submittal Form was complete and included a signature for the appropriate responsible personnel and contact information. This information is required to be updated annually. *Noted*
2. The next Progress Report is due on October 31, 2020, and must include:
 - o Updates to the impervious area restoration progress and responses to all comments outlined below. *Updates are included in the Year 2 report.*
 - o Progress on program implementation to address the six minimum control measures (MCMs) for the first two years of the permit term (i.e., October 31, 2018 —June 30, 2020). While this information is only required in years 2 and 4, the Department will request any supplemental information related to MCM program development as necessary at any time during the permit term. This will ensure the County remains on track for achieving compliance with the permit conditions. *Updates on first two years progress are included in the Minimum Control Measures Attachment*
 - o Complete the MS4 Progress Report as noted in Appendix D of the permit and include any supplemental attachments in order to thoroughly address reporting requirements. *The year two Progress Report has been completed in accordance with Appendix D of the permit.*
3. St. Mary's County has calculated an initial impervious area restoration target of 439 acres. The methodology used in the impervious area baseline report is acceptable. *Noted, the impervious area restoration target has been updated based on failed BMPs brought into compliance over the past year.*
4. Impervious acres draining to best management practices (BMPs) that do not provide water quality treatment cannot be removed from the baseline, including BMPs installed prior to 2002, BMP types beginning with X, and failing BMPs. However, BMPs that were not designed to provide treatment may be opportunities for retrofit for restoration credit.

Impervious acres draining to BMPs that do not provide water quality treatment have not been removed from the baseline. BMPs installed prior to 2002 were subtracted if there is a water quality component (e.g. wet ponds, infiltration facilities) associated with the design in accordance with page 7 of the 2014 Accounting for Stormwater Wasteload Allocations and Impervious Acres Treated document and the May 2, 2018 MDE memorandum on BMPs. BMP types beginning with X and failing BMPs have not been subtracted from the baseline.
5. The following outstanding BMP data are needed to verify treatment reported:
 - Outfall stabilization (BMP Type "OUT") with no INSTALL DATE listed or IMPL COMP YR listed instead. *Install dates for outfall stabilization BMPs have now been identified to the extent possible for this year and are shown in the report. Further efforts to recover the remaining dates will be made in year three.*

Attachment A – Response to Comments

6. The County must revise the following data for formatting consistency with the template:
- BMPs were listed as BMP Type “MENF” (enhanced filter) in Table B.1.a but were listed as Impervious Surface Elimination in Table B.1.c: SM16BMP010735, SM16BMP010736, SM16BMP010737, SM16BMP010738. *The conflicts have been addressed.*
 - PERMIT_NUM was listed as 13—SF—5500 for all BMPs; should be 13-IM—5500 *The permit number was corrected to “13-IM-5500”.*

Several BMPs listed in Table B.1.b, ESD Structural, listed a PE greater than 1” of treatment (286 BMPs treating 425 impervious acres). Among these 286 BMPs, 8.4 acres of restoration was claimed for 11 BMPs on projects that included new development. Extra credit for over management was intended to be calculated for restoration activities and not to meet regulatory requirements to treat water quality impacts from new development. BMPs built from 2002 on can be assumed to have a PE of 1”, and additional treatment must be verified on a case-by-case basis through field inspection. *Only 1” of treatment credit was applied to non-restoration BMPs . The table was adjusted to reflect 1” of treatment for new development even though those facilities actually treat more than 1” of runoff. This change results in some BMPs having less than one inch of treatment, but the overall development met the Pe requirement.*

**ST. MARY'S COUNTY
ANNUAL REPORT FY 2020**

FOR

**GENERAL DISCHARGE PERMIT NO. 13-IM-5500
GENERAL NPDES NO. MDR055500**

October 20, 2020



**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
GENERAL PERMIT FOR DISCHARGES FROM
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS**

Appendix D
Municipal Small MS4 Progress Report

APPENDIX D
Municipal Small MS4 Progress Report

Maryland Department of the Environment (MDE)

**National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer Systems (MS4) General Permit**

This Progress Report is required for those jurisdictions covered under General Discharge Permit No. 13-IM-5500. Progress Reports must be submitted to:

Maryland Department of the Environment, Water and Science Administration
Sediment, Stormwater, and Dam Safety Program
1800 Washington Boulevard, Suite 440, Baltimore, MD 21230-1708
Phone: 410-537-3543 FAX: 410-537-3553
Web Site: www.mde.maryland.gov

Contact Information

Permittee Name:	St. Mary's County
Responsible Personnel:	John F. Deatruck, Director
Mailing Address:	St. Mary's County DPW&T, P.O. Box 508 California, MD 20619
Phone Number(s):	(301) 475-4200 ext. 73510
Email address:	john.deatruck@stmarysmd.com
Additional Contact(s):	Donald Mills
Mailing Address:	St. Mary's County DPW&T, P.O. Box 508
Phone Number(s):	(301)475-4200 ext. 73526
Email address:	donald.mills@stmarysmd.com

Signature of Responsible Personnel

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

John F. Deatruck
Printed Name


Signature

10/21/2020
Date

Reporting Period (State Fiscal Year):

2020

Due Date:

10/30/2020

Date of Submission:

10/23/2020

Type of Report Submitted:

Impervious Area Restoration Progress Report (Annual):

Six Minimum Control Measures Progress (Years 2 and 4):

Both:

Permittee Information:

Renewal Permittee:

New Permittee:

Compliance with Reporting Requirements

Part VI of the Small MS4 General Discharge Permit (No. 13-IM-5500) specifies the reporting information that must be submitted to MDE to demonstrate compliance with permit conditions. The specific information required in this MS4 Progress Report includes:

1. Annual: Progress toward compliance with impervious area restoration requirements in accordance with Part V of the general permit. All requested information and supporting documentation must be submitted as specified in Section I of the Progress Report.
2. Years 2 and 4: Progress toward compliance with the six minimum control measures in accordance with Part IV of the general permit. All requested information and supporting documentation shall be reported as specified in Section II of the Progress Report. MDE may request more frequent reporting and/or a final report in year 5 if additional information is needed to demonstrate compliance with the permit.

Instructions for Completing Appendix D Reporting Forms

The reporting forms provided in Appendix D allow the user to electronically fill in answers to questions. Users may enter quantifiable information (e.g., number of outfalls inspected) in text boxes. When a more descriptive explanation is requested, the reporting forms will expand as the user types to allow as much information needed to fully answer the question. The permittee must indicate in the forms when attachments are included to provide sufficient information required in the MS4 Progress Report.

Section I: Impervious Area Restoration Reporting Form

Section I: Impervious Area Restoration Reporting

1. a. Was the impervious area baseline assessment submitted in year 1?

Yes No

b. If No, describe the status of completing the required information and provide a date at which all information required by MDE will be submitted:

c. Has the baseline been adjusted since the previous reporting year?

Yes No

2. Complete the information below based on the most recent data:

Total impervious acres of jurisdiction covered under this permit:

Total impervious acres treated by stormwater water quality best management practices (BMPs):

Total impervious acres treated by BMPs providing partial water quality treatment (multiply acres treated by percent of water quality provided):

Total impervious acres treated by nonstructural practices (i.e., rooftop disconnections, non-rooftop disconnections, or vegetated swales):

Total impervious acres untreated in the jurisdiction:

Twenty percent of this total area (this is the restoration requirement):

Verify that all impervious area draining to BMPs with missing inspection records is not considered treated. Describe how this information was incorporated into the overall analysis:

Impervious area draining to BMPs with missing documentation was included in the total untreated impervious acres in the jurisdiction.

2. Has an Impervious Area Restoration Work Plan been developed and submitted to MDE in accordance with Part V.B, Table 1 of the permit or other format?

Yes No

Has MDE approved the work plan?

Yes No

A Revision is attached to this report form.

Section I: Impervious Area Restoration Reporting

If the answer to either question is No, describe the status of submitting (or resubmitting) the work plan to MDE and provide a date at which all outstanding information will be available:

Describe progress made toward restoration planning, design, and construction efforts and describe adaptive management strategies necessary to meet restoration requirements by the end of the permit term:

Documented restoration projects in the amount of 499.46 acres completed between January 2006 and October 2020 are calculated to provide enough treatment to meet St. Mary's County restoration goal. The County has an additional 60-62 acres of restoration credit from future shoreline management and outfall restoration projects currently in the planning phase or under construction. Although the County meets their goal, additional projects are being documented and completed to meet County needs as well as to address the potential future restoration requirements.

3. Has a Restoration Schedule been completed and submitted to MDE in accordance with Part V.B, Table 2 of the permit?

Yes No

See below

In year 5, has a complete restoration schedule been submitted including a complete list of projects and implementation dates for all BMPs needed to meet the twenty percent restoration requirement?

Yes No

See below

Are the projected implementation years for completion of all BMPs no later than 2025?

Yes No

Describe actions planned to provide a complete list of projects in order to achieve compliance by the end of the permit term:

No Additional projects are required to meet the 2025 date active projects on the Schedule is supplemental and above the requirements. A complete list of projects is provided. This list may be updated if additional restoration projects are documented.

Describe the progress of restoration efforts (attach examples and photos of proposed or completed projects when available):

Restoration projects completed from January 2006 to October 2020 have surpassed the St. Mary's County restoration goal. See attached Table 1 for project descriptions and treatment.

Section I: Impervious Area Restoration Reporting

4. Has the BMP database been submitted to MDE in Microsoft Excel format in accordance with Appendix B, Tables B.1.a, b, and c?

Yes No

Is the database complete?

Yes No

If either answer is No, describe efforts underway to complete all data fields, and a date that MDE will receive the required information:

5. Provide a summary of impervious area restoration activities planned for the next reporting cycle (attach additional information if necessary):

The County will continue documenting additional restoration projects being completed according to State requirements as a part of County Capital Improvement Projects, County facility maintenance projects, and private development projects. The County will also continue maintenance efforts to restore failing BMPs to functioning condition. Refer to the MCM Progress Details Report for the Post Construction Runoff MCM.

6. Describe coordination efforts with other agencies regarding the implementation of impervious area restoration activities:

County Coordinates with UMD Extension on implementing/documenting homeowner BMPs, and the Health Department on additional BAT installations. County also documents additional outfall projects by the Town of Leonardtown and the Soil Conservation District as information becomes available.

7. List total cost of developing and implementing the impervious area restoration program during the permit term:

St. Mary's County expended an estimated \$35,000 toward documenting compliance with the restoration program requirements at the end of year 2.

Table.1 Restoration Activity Schedule						
Type of Restoration Project	BMP Code	Cost (\$K)	Impervious Acres Treated	Imperv Acre Target and Balance	Project Status	Year Completed
				428.18		
BAT conversion (septic denitrification)	SEPC		198.38	229.80	C	May 2007 - July 2019
Outfall stabilization	OUT		22.23	207.57	C	January 2006 - October 2019
Shoreline stabilization	SHST		114.48	93.09	C	January 2008 - July 2016
BMP redevelopment/restoration	REDE		32.17	60.92	C	January 2008 - December 2018
Dry pond retrofit to wet (WQ & NR Project)	PWET		99.04	-38.12	C	July 2019
Impervious removal	IMPP		2.09	-40.21	C	January 2015 - December 2016
BMP redevelopment/restoration	REDE		3.53	-43.74	C	January 2019 – May 2019
BAT conversion (septic denitrification)	SEPC		15.86	-59.60	C	July 2019 – June 2020
Shoreline Stabilization (St. Inigoes)	SHST		11.68	-71.28	C	November 2019
Shoreline Stabilization (Piney Point Lighthouse Addition)**	SHST	820	40	-111.28	P	January 2020-December 2025
Living Shoreline (Piney Point Rd)**	SHST	372	20	-131.28	P	January 2021-December 2025
Outfall Stabilization (Chopticon HS)**	OUT	350	To be determined	-131.28	P	January 2020-December 2025

*See attached report for a listing of individual projects with dates completed and exact locations.

** Addressed in Attachment A, Phase II MS4 Additional Restoration Activities Schedule

Section II: Minimum Control Measures Reporting Forms

MCM #1: Public Education and Outreach

1. Does the permittee maintain a process and phone number for the public to report water quality complaints?

Yes No

Number of complaints received:

3

Describe the actions taken to address the complaints:

Next day inspections determined that the specific complaints were not stormwater pollution issues:

- 1. Foundation waterproofing. Minor grading and topsoil stockpiling during dry weather.*
- 2. Complaint on hobbies sandblasting in driveway – No noticeable debris at inspection*
- 3. Reported Truck Spill – Report forwarded to VFD – Report from VFD : No traces of chemical smell or residue or spillage at the location. Dry weather day.*

2. Describe training to employees to reduce pollutants to the MS4:

Training Program still under development – See Progress Detail Report

3. Describe the target audience(s) within the jurisdiction:

Training Program still under development – See Progress Detail Report

4. Are examples of educational/training materials attached with this report?

Yes No

Provide the number and type of educational materials distributed:

Describe how the public outreach program is appropriate for the target audience(s):

Training Program still under development – See Progress Detail Report

5. Describe how stormwater educational materials were distributed to the public (e.g., newsletters, website):

Outreach Materials currently on County Website – Expanded materials and distribution channels still under development - See Progress Detail Report

6. Describe how educational programs facilitated efforts to reduce pollutants in stormwater runoff:

Outreach Program materials still under development – See Progress Detail Report

- | |
|--|
| |
| <ol style="list-style-type: none">1. Provide a summary of the activities planned for the next reporting cycle:<ol style="list-style-type: none">a. <i>Upgrade the County web page to enhance presence of SWM and Pollution Prevention content</i>b. <i>Meet with the university of Maryland Extension is currently under way to develop the Roll Out Plan which will identify what information will be developed for use, and in what time frames.</i>c. <i>Materials posting and dissemination to be performed by 4/30/2021</i>d. <i>Development of additional partnering opportunities – See Progress Detail Report</i> |
| |

- | |
|---|
| <ol style="list-style-type: none">7. List the total cost of implementing this MCM over the permit term:
<i>Accounting cost structure and resourcing is not tracked at this level.</i> |
|---|

MCM #2: Public Involvement and Participation

1. Describe how the public involvement and participation program is appropriate for the target audience(s):

Current program focuses on the residential nature of much of the County's population independent of property ownership status, addressing the major impacts from materials control, recycling and conservation of resources.

2. Quantify and report public involvement and participation efforts shown below where applicable.

Number of participants at public events:

1441

Quantity of trash and debris removed at clean up events:

No events

Number of employee volunteers participating in sponsored events:

3

Number of trees planted:

Not done

Length of stream cleaned (feet):

Not done

Number of storm drains stenciled:

Not done

Number of public notices published to facilitate public participation:

3*

Number of public meetings organized:

1

Total number of attendees at all public meetings:

COVID

Describe the agenda, items discussed, and collaboration efforts with interested parties for public meetings:

**Note: - Public Notices – Most done though Facebook and U of M webpage.*

New IDDE Ordinance – Multiple communications and meetings with stakeholders on details to develop consensus and acceptance prior to County action.

Describe how public comments have been incorporated into the permittee's MS4 program, including water quality improvement projects to address impervious area restoration requirements:

No restoration projects are currently required. Public comments are not solicited on regulatory requirement activities.

Homeowner practices coordinated under Public Involvement activities for WQ practices.

MCM #2: Public Involvement and Participation

Describe any additional events and activities if applicable:

The County continues to utilize its partnership with the University of Maryland Extension under their Sea Grant Extension Program. It has increased its shared sponsorship (with Calvert County) of the now full-time Watershed Educator within the UofM Extension Sea Grant Program to coordinate community watershed activities.

3. Provide a summary of activities planned for the next reporting cycle:

1.) Potential community tabling events/educational booth

- Earth Day on the Square (Leonardtown) – Spring*
- River Fest (Historic St. Mary's City) – Saturday, late September*
- St. Mary's County Fair (St. Mary's Fairgrounds) – weekend in late September*

2.) Workshops

- Environmental Stewardship Event – Summer*
- Workshops: Backyard Composting, Rain Barrels, Septic Solutions 101*
- Watershed Stewards Academy – Joint – Open for Calvert and St. Mary's Counties' residents*

3.) Current St. Mary's County programs and partner programs to help promote

- Hazardous Waste Collection Days*
- Recycling – general practice, paper shredding*
- Backyard Buffers Program – St. Mary's WSA and Dept. of Natural Resources*

4. List the total cost of implementing this MCM for the permit term:

UofM Extension's support is an aggregated cost. Specific support cost for this function is not broken out within the County budget line item. The same is true for the County's dedicated MS4 personnel and the contract support.

MCM #3: Illicit Discharge Detection and Elimination (IDDE)

1. Does the permittee maintain a map of the MS4 owned or operated by the permittee, including stormwater conveyances, outfalls, stormwater best management practices (BMPs), and waters of the U.S. receiving stormwater discharges?
 Yes No

If Yes, attach the map to this report and provide a progress update on any features that are still being mapped. If No, detail the current status of map development and provide an estimated date of submission to MDE:

BMPs, storm drains and culverts are mapped. Mapping of conveyances and outfalls is about 60% complete – See MCM Appendix E

2. Does the permittee have an ordinance, or other regulatory means, that prohibits illicit discharges?
 Yes No

If Yes, describe the means for enforcement utilized by the permittee (alternatively, a link may be provided to the permittee’s webpage where this information is available). If No, describe the permittee’s plan, including approximate time frame, to establish a regulatory means to prohibit illicit discharges:

The approved IDDE Ordinance is included with this annual submission and will shortly be on the County web page.

3. Describe the process the permittee utilizes for gaining access to private property to investigate and eliminate illicit discharges:

Reference Ordinance:

- 1. First Effort – Request permission to enter property from resident/owner/property manager.*
- 2. Ordinance Section 265-12 - If the violation constitutes an imminent or substantial endangerment to public health or public safety, DPW&T is authorized to enter upon the subject private property, without giving prior notice, to take any and all measures necessary to abate the violation*

4. Did the permittee submit to MDE standard operating procedures (SOPs) in accordance with Part IV.C of the permit?
 Yes No

If No, provide a proposed date that SOPs will be submitted to MDE. MDE may require more frequent reports for delays in program development:

Attached with the Annual Report submission for review and approval.

MCM #3: Illicit Discharge Detection and Elimination (IDDE)

Did MDE approve the submitted SOPs?

Yes No

If No, describe the status of requested SOP revisions and approximate date of resubmission for MDE approval:

Attached with the Annual Report submission for review and approval.

5. Describe how the permittee prioritized screening locations in areas of high pollutant potential and identify the areas within which screenings were conducted during this reporting period:

Screening Criteria will be through random selection from the outfall data set, and then prioritized by market segments. The first 85 percent of inspections are focused on the Urbanized and/or industrialized locations. Iterative selection and assessment is required to populate the inspection set. As the original outfalls were table top developed, a normal set will include 10% extra to ensure a full set is inspectable outfalls is developed. Final inspection points are adjusted in the field as necessary to obtain the best available data.

6. Answers to the following questions must reflect this two-year reporting period.

How many outfalls are identified on the map?

How many outfalls were required to be screened for dry weather flows to meet the minimum numeric requirement (i.e., 20% of total outfalls, up to 100)?

How many outfalls were screened for dry weather flows?

Per the permittee's SOP, how frequently were outfalls required to be screened?

Once

At what frequency were outfalls screened during the reporting period?

Once

How many dry weather flows were observed?

If dry weather flows were observed, how many were determined to be illicit discharges?

Describe the investigation process to track and eliminate each suspected illicit discharge and report the status of resolution:

Reference section Field Investigation and Enforcement Actions section of the SOP:

MCM #3: Illicit Discharge Detection and Elimination (IDDE)

<p><i>(Paraphrased) - Investigate promptly, once detected, follow to source, contact the property owner to address resolution. For identified hazardous conditions/concerns monitor and activate additional County resources as required.</i></p>
<p>7. Describe maintenance or corrective actions undertaken during this reporting period to address erosion, debris buildup, sediment accumulation, or blockage problems:</p> <p><i>Maintenance and corrective actions are addressed under the Post Construction Runoff Minimum Control Measure. Issues identified during IDDE inspections are forwarded for Follow up inspection and notification on private sites or the MS4 Program Manager on County sites for Contract Maintenance actions.</i></p>
<p>8. Is the permittee maintaining all IDDE inspection records and are they available to MDE during site inspections? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>9. If spills, illicit discharges, and illegal dumping occurred during this reporting period, describe the corrective actions taken, including enforcement activities, and indicate the status of resolution: <i>IDDE ordinance to become affective 1/4/2021</i></p>
<p>10. Attach to this report specific examples of educational materials distributed to the public related to illicit discharge reporting, illegal dumping, and spill prevention. If these are not available, describe plans to develop public education materials and submit examples with the next Progress Report: <i>See the current County web page information exhibited in the MCM Progress Details Report. Additional Program materials are also under development as part of the Public Education development activities</i></p>
<p>11. Specify the number of employees trained in illicit discharge detection and spill prevention: <input type="text" value="TBD"/></p> <p>12. Provide examples of training materials. If not available, describe plans to develop employee training and submit examples with the next Progress Report: <i>Program materials still under development Completion before end of Calendar year 2020 to support the effective date of the new Ordinance (January 4, 2021) – See Progress Detail Report.</i></p>
<p>13. List the cost of implementing this MCM during this permit term: <i>Accounting cost structure and resourcing is not tracked at this level.</i></p>

MCM #4: Construction Site Stormwater Runoff Control

Erosion & Sediment Control Program Procedures, Ordinances, and Legal Authority

1. Does the permittee have an MDE approved ordinance?

Yes No

Has the permittee submitted modifications to MDE?

Yes No

Has the adopted ordinance been submitted to MDE?

Yes No

If No, is the adopted ordinance attached?

Yes No

2. Does the permittee rely on the County, local Soil Conservation District, or MDE to perform any or all requirements for an acceptable erosion and sediment control program? Yes No

If Yes, check all that apply:

Plan Review and Approval

Construction Inspections

Enforcement

3. Does the permittee have a process to ensure that all necessary permits for a proposed development have been obtained prior to issuance of a grading or building permit?

Yes No

Explain how the permittee ensures all permits are in place:

County Grading Permits are not issued until SCD approves the plans and MDE's General Permit for Stormwater Associated with Construction Activity has been issued

Erosion & Sediment Control Program Implementation Information

1. Does the permittee have a process for receiving, investigating, and resolving complaints from interested parties related to construction activities and erosion and sediment control?

Yes No

Describe the process:

County is not the Designated Authority

Provide a list of all complaints and summary of actions taken to resolve them:

County is not the Designated Authority

MCM #4: Construction Site Stormwater Runoff Control

2. Total number of active construction projects within the reporting period:

Provide a list of all construction projects and disturbed areas:

List of Active projects is contained in Appendix F of the MCM Progress Details Report

Does the permittee submit grading reports to MDE (only applies if the permittee has an MDE approved ordinance)?

Yes No N/A

3. Total number of violation notices issued related to this MCM within the permit area (report total number whether the permittee or another entity performs inspections):

Describe the status of enforcement activities:

County is not the Designated Authority

Describe how the permittee communicates and collaborates with the enforcement authority for violations within the permit area. Include measures taken by the permittee such as suspending or denying a building or grading permit in order to prevent the discharge of pollutants into the MS4:

County inspectors and DPW&T staff routinely identify such sites and advise both those responsible for the construction project and the MDE assigned Inspector of the perceived failures to affect immediate actions.

Are erosion and sediment control inspection records retained and available to MDE during field review of local programs?

Yes No

If No, explain:

County is not the Designated Authority

4. Number of staff trained in MDE's Responsible Personnel Certification:

5. Describe the coordination efforts with other entities regarding the implementation of this MCM:

County inspectors and DPW&T staff routinely identify such sites and advise both those responsible for the construction project and the MDE assigned Inspector of the perceived failures to affect immediate actions.

6. List the total cost of implementing this MCM over the permit term:

Accounting cost structure and resourcing is not tracked at this level.

MCM #5: Post Construction Stormwater Management

Stormwater Management Program Procedures, Ordinances, and Legal Authority	
1.	Does the permittee have an MDE approved ordinance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Has the permittee submitted modifications to MDE? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Has the adopted ordinance been submitted to MDE? <input type="checkbox"/> Yes <input type="checkbox"/> No
	If No, is the adopted ordinance attached? <input type="checkbox"/> Yes <input type="checkbox"/> No
1.	Does the permittee have a memorandum of understanding (MOU) with the County to perform any or all requirements for an acceptable stormwater program? <input type="checkbox"/> Yes <input type="checkbox"/> No
	If Yes, check all that apply: <input type="checkbox"/> Plan Review and Approval <input type="checkbox"/> First Year Post Construction Inspections <input type="checkbox"/> As-Built Plan Approval <input type="checkbox"/> Post Construction Triennial Inspections <input type="checkbox"/> Enforcement <input type="checkbox"/> BMP Tracking and Reporting
Stormwater Management Program Implementation Information	
1.	Has an Urban BMP database been submitted in accordance with the database structure in Appendix B, Tables B.1.a, b, and c as a Microsoft Excel file? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Describe the status of the database and efforts to complete all data fields: <i>All fields complete, however inspection dates are always under revision.</i>
2.	Total number of triennial inspections performed: <input type="text" value="334"/>
	Total number of BMPs jurisdiction-wide: <input type="text" value="1064"/>
	Are inspections performed at least once every three years for all BMPs? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	If No, describe how the permittee will catch up on past inspections and remain on track to perform BMP inspections once every three years:

MCM #5: Post Construction Stormwater Management

Are BMP inspection records retained and available to MDE during field review of local programs?

Yes No

3. Total number of violation notices issued:

Describe efforts to bring BMPs into compliance and the status of enforcement activities within the jurisdiction:

- *4 sites are now fully compliant*
- *13 more sites responses were received as a result of the NOVs indicating start of corrective actions.*
- *11 Sites have failed to respond and are being addressed with further attempts to make contact while drafting of citations.*
- *Separately, 11 other locations have yet to receive notices due to a lack of clear ownership and/or responsibility. A plan of action to address these deficiencies is currently under development with the County Attorney.*

4. Describe how the permittee coordinates and cooperates with the County to ensure stormwater BMPs are functioning according to approved standards. (Applicable for municipalities that rely on the County to perform stormwater triennial inspections):

N/A

5. Provide a summary of routine maintenance activities for all publicly owned BMPs:

Number of publicly owned BMPs:

Describe how often BMPs are maintained. Specify whether maintenance activities are more frequent for certain BMP types:

- *Stormwater practices with landscaping features (plantings, biomaterials and mulch, filterra units) are addressed under the County's annual landscaping contract.*
- *Corrective work at of these practices that fall outside of these contracts are normally addressed though single contract purchase orders.*
- *Administration of these contracts and purchase orders has recently been assigned to the MS4 program. Additional work is currently pending additional proposals from the contractor based on the last set of tri-annual review reports.*

Are BMP maintenance checklists and procedures for publicly owned BMPs available to MDE during field review of local programs?

Yes No

MCM #5: Post Construction Stormwater Management

Are BMP maintenance records retained and available to MDE during field review of local programs?

Yes No

If either answer is No, describe planned actions to implement maintenance checklists and procedures and provide formal documentation of these activities:

All planned and corrective maintenance is performed under contract. Retrieval of these documents is currently possible but problematic and time intensive. The County is in the process of migrating to a new software platform for all County operational records which should improve that functionality.

6. Number of staff trained in proper BMP design, performance, inspection, and routine maintenance:

7. Provide a summary of activities planned for the next reporting cycle:

All the personnel identified in the above do not perform all of the listed tasks

8. List the total cost of implementing this MCM over the permit term:

Accounting cost structure and resourcing is not tracked at this level.

MCM #6: Pollution Prevention and Good Housekeeping

1. Provide a list of topics covered during the last training session related to pollution prevention and good housekeeping, and attach to this report specific examples of training materials:

Training Program still under development – See Progress Detail Report

List all training dates within this two-year reporting period:

Number of staff attended:

2. Are the good housekeeping plan and inspection records at each property retained and available to MDE during field review of the local program? Yes No

If No, explain:

Plan undergoing roll-out in the next several months- See Progress Detail Report

Provide details of all discharges, releases, leaks, or spills that occurred in the past reporting period using the following format (attach additional sheets if necessary).

Property Name: _____ Date: _____

Describe observations:

Describe permittee’s response:

3. Quantify and report property management efforts as shown below, where applicable (attach additional sheets if necessary).

Number of miles swept:

Amount of debris collected from sweeping (indicate units):

If roads and streets are swept, describe the strategy the permittee has implemented to maximize efficiency and target high priority areas:

Number of inlets cleaned:

MCM #6: Pollution Prevention and Good Housekeeping

Amount of debris collected from inlet cleaning (indicate units):

Describe how trash and hazardous waste materials are disposed of at permittee owned and operated property(ies), including debris collected from street sweeping and inlet cleaning:

All materials delivered to the County site licensed for disposal under permit 12SW0656

Does the permittee have a current State of Maryland public agency permit to apply pesticides?

Yes No

If No, explain (e.g., contractor applies pesticides):

Does the permittee employ at least one individual certified in pesticide application?

Yes No

If Yes, list name(s):

Richard Tarr

If the permittee applied pesticides during the reporting year, describe good housekeeping methods (e.g., integrated pest management, alternative materials/techniques):

See Progress Detail Report

If the permittee applied fertilizer during the reporting year, describe good housekeeping methods (e.g., application methods, chemical storage, native or low maintenance species, training):

See Progress Detail Report

If the permittee applied materials for snow and ice control during the reporting year, describe good housekeeping methods (e.g., pre-treatment, truck calibration and storage, salt domes):

See Progress Detail Report

Describe good housekeeping BMP alternatives not listed above:

See Progress Detail Report

4. If applicable, provide a status update for permittee owned or operated properties regarding coverage under the Maryland General Permit for Stormwater Discharges Associated with Industrial Activity or an individual industrial surface water discharge permit:

The properties operating under Industrial Stormwater Discharge Permits has been reduced to the following: 12SW0656

5. List the total cost of implementing this MCM over the permit term:

Accounting cost structure and resourcing is not tracked at this level.

Attachment A

Phase II MS4 Additional Restoration Activities Schedule									
Total Acreage (23,839.82); Impervious Acre Baseline (2140.90); 20% Restoration Target (428.18 acres met - See Completed Projects Summary)									
Type of Restoration Project	BMP Code ¹	BMP ID (Optional)	Cost (\$K) ²	Imperv Acres Treated	Imperv Acre Target and Balance	Project Status ³	Year Complete or Projected Implementation Year (by 2025)	MD Grid Coordinates (Northing/Easting)	
					0			X(m)	Y(m)
Shoreline Management	SHST	TBD	85	40	-40	P	2021	441317.26	52104.691
Shoreline Management	SHST	TBD	30	20	-60	P	2021	446453.28	49680.223
Outfall Stabilization	OUT	TBD	255	TBD	TBD	P	2022	425861.98	76971.993

St. Mary's County Work Plan

Year 1	1	Develop impervious area baseline assessment: The impervious area baseline assessment has been completed, using the County's 2015 impervious area map, Geographic Information System (GIS) software, and the U.S. Census Bureau's Urbanized Area Map.
	2	Determine restoration requirements for MDE review and approval: the restoration requirement (20% of the untreated impervious area within the urbanized area) has been determined and approved by MDE, and is being updated annually.
	3	Assess opportunities and timeliness for implementing water quality BMPs: water quality BMPs have been implemented to the extent required by the permit, and additional BMPs are being implemented and documented above and beyond the permit requirements.
	4	Assess opportunities to develop partnerships with other NPDES permittees: the County has established partnerships with the University of Maryland, Health Department, Town of Leonardtown, and the Soil Conservation District. The County also routinely meets with the Maryland State Highway Administration on projects of mutual concern, has assisted SHA staff in identifying potential outfall stabilization projects, and will coordinate on the IDDE program as needed to identify the source of pollutants found in shared storm drain systems.
	5	Determine funding needs and develop a long term budget: since no additional restoration is required at this time, the funding needs are primarily revising the BMP database, yearly report production, BMP inspection and maintenance, and implementation of the IDDE program. See number 6 below for the current budget numbers.
Year 2	1	Update and submit Urban BMP database: the Urban BMP database has been updated for year two, with 157 BMPs added to St Mary's database. Of these BMPs, 95 were structural and Environmental Site Design (ESD) practices and 62 were alternative practices.
	2	Maintain inspection records for all BMPs: records for all inspections are maintained by the County. In year , 907 inspections (334 routine and 573 complaint or follow-up) were conducted by County and Maryland Environmental Service staff.
	3	Monitor watershed practices, determine impacts of any changes on goals. Take corrective actions: watershed practices have been monitored in year two, and it has been determined that 9 failing facilities have been restored to provide water quality, and 13 practices remain in failing condition. County staff continues to work with property owners to restore practices no longer functioning, and has one inspector dedicated to this task.
	4	Continue to add additional restoration credits as projects are completed: in year two, additional restoration credits resulted in a total of 559.46 impervious acre credit achieved, an increase of 62.46 acres over year one. This total credit exceeds the revised restoration goal of 428.18 acres by 131.28 acres.
	5	Augment restoration schedule as necessary to maintain compliance with 20% restoration goal: the 20% restoration goal has been exceeded by 131.28 acres. The County continues to add programmed CIP projects that will provide restoration credits to the restoration schedule, and also continues to document other additional BMPs implemented, which will assure the County continues to exceed the restoration goal over the remaining permit term.

St. Mary's County Work Plan

	6	<p>Evaluate and refine budget needs for project implementation: the County CIP and Operating budgets are approved on a yearly basis, and are adequate to provide 1) inspection and follow up property owner coordination for all BMPs, 2) routine maintenance of existing County owned storm drain system and BMPs, 3) continued yearly reporting, 4) implementation of the IDDE program, and 5) for other activities necessary to comply with permit requirements. For year two \$367,029 was budgeted. The current Capital Improvement Program\$ includes 1,077,000 for shoreline and outfall restoration projects. The County continues to maintain contingency funding to address MS4 related restoration activities</p>
Year 3	1	<p>Update and submit Urban BMP database.</p>
	2	<p>Maintain inspection records for all BMPs: records for all inspections are maintained by the County.</p>
	3	<p>Monitor watershed practices, determine impacts of any changes on goals. Take corrective actions: County staff continues to work with property owners to restore practices no longer functioning, and has one inspector dedicated to this task.</p>
	4	<p>Continue to add additional restoration credits as projects are completed.</p>
	5	<p>Augment restoration schedule as necessary to maintain compliance with 20% restoration goal: the 20% restoration goal has been exceeded by 131.28 acres. The County continues to add programmed CIP projects that will provide restoration credits to the restoration schedule, and also continues to document other additional BMPs implemented, which will assure the County continues to exceed the restoration goal over the remaining permit term.</p>
	6	<p>Evaluate and refine budget needs for project implementation: the County CIP and Operating budgets are approved on a yearly basis, and are adequate to provide 1) inspection and follow up property owner coordination for all BMPs, 2) routine maintenance of existing County owned storm drain system and BMPs, 3) continued yearly reporting, 4) implementation of the IDDE program, and 5) for other activities necessary to comply with permit requirements. The MS4 operating budget For year three is \$567,439. In addition, the County budgeted \$73,000 for contract support in developing the MS4 programs and \$58,000 on compliance monitoring activities. The County has \$1,077,000 earmarked for shoreline and outfall restoration projects over and above the IA requirements. in the current Capital Improvement Program. The budget will be adjusted for years 4 and 5 as conditions, funding, and priorities evolve.</p>
Year 4	1	<p>Update and submit Urban BMP database.</p>
	2	<p>Maintain inspection records for all BMPs: records for all inspections are maintained by the County.</p>
	3	<p>Monitor watershed practices, determine impacts of any changes on goals. Take corrective actions: County staff continues to work with property owners to restore practices no longer functioning, and has one inspector dedicated to this task.</p>
	4	<p>Continue to add additional restoration credits as projects are completed.</p>
	5	<p>Augment restoration schedule as necessary to maintain compliance with 20% restoration goal: the 20% restoration goal has been exceeded by 131.28 acres. The County continues to add programmed CIP projects that will provide restoration credits to the restoration schedule, and also continues to document other additional BMPs implemented, which will assure the County continues to exceed the restoration goal over the remaining permit term.</p>

St. Mary's County Work Plan

	6	Evaluate and refine budget needs for project implementation: the County CIP and Operating budgets are approved on a yearly basis, and are adequate to provide 1) inspection and follow up property owner coordination for all BMPs, 2) routine maintenance of existing County owned storm drain system and BMPs, 3) continued yearly reporting, 4) implementation of the IDDE program, and 5) for other activities necessary to comply with permit requirements. The County continues to maintain contingency funding to address MS4 related restoration activities
Year 5	1	Update and submit Urban BMP database.
	2	Maintain inspection records for all BMPs: records for all inspections are maintained by the County.
	3	Monitor watershed practices, determine impacts of any changes on goals. Take corrective actions: County staff continues to work with property owners to restore practices no longer functioning, and has one inspector dedicated to this task.
	4	Continue to add additional restoration credits as projects are completed.
	5	Augment restoration schedule as necessary to maintain compliance with 20% restoration goal: the 20% restoration goal has been exceeded by 131.28 acres. The County continues to add programmed CIP projects that will provide restoration credits to the restoration schedule, and also continues to document other additional BMPs implemented, which will assure the County continues to exceed the restoration goal over the remaining permit term.
	6	Evaluate and refine budget needs for project implementation: the County CIP and Operating budgets are approved on a yearly basis, and are adequate to provide 1) inspection and follow up property owner coordination for all BMPs, 2) routine maintenance of existing County owned storm drain system and BMPs, 3) continued yearly reporting, 4) implementation of the IDDE program, and 5) for other activities necessary to comply with permit requirements

St. Mary's County

National Pollutant Discharge Elimination System Phase 2 Municipal Separate Storm Sewer System Impervious Area Assessment and Restoration

Year 2 Final Report & Recommendations

Prepared For



Prepared By



September 2020

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1.0 Introduction

This report is written by Maryland Environmental Service (MES) for St. Mary's County (County). The purpose of this report is to summarize the County's progress toward meeting their restoration requirement under their National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Phase II permit from Maryland Department of the Environment (MDE). During year 2 of the permit, the County continued to obtain necessary documentation for existing Best Management Practices (BMPs), as well as completed restoration projects. Additionally, the County continued efforts toward restoring failing facilities to functioning condition.

This report will explore the treatment provided by the existing stormwater facilities and will explore the additional potential baseline credit available by conducting the necessary maintenance. It will take into account the County's MS4 responsibilities and address the items required to be included in MDE's annual report submission due on October 31, 2020.

2.0 Methodology

In order to determine the amount of impervious area located within the urbanized area, a Baseline year of 2015 was selected, since the County's 2015 impervious area map was available to utilize for the effort. Geographic Information System (GIS) software was utilized to select all impervious areas within the U.S. Census Bureau's Urbanized Area Map. Impervious areas owned or operated by State and Federal agencies, as well as areas with industrial discharge permits were subtracted to obtain the County's area of responsibility. To determine how much of this impervious area is already treated by acceptable structural Best Management Practices (BMPs), file research was conducted to obtain all available stormwater management plans and computations. For locations without sufficient plans, field verification surveys were conducted.

BMP drainage areas provided with stormwater management plans were digitized into GIS for each BMP. When drainage areas weren't provided or had been significantly modified from the original conditions, MES used engineering judgement along with surrounding stormwater networks, 2' contours, and field observations to delineate new drainage areas. The net impervious area within each drainage boundary was determined, and the treatment provided by each BMP was verified. The total treated area was subtracted from the total impervious area to obtain the net untreated area of County responsibility. This net area was multiplied by 20% to determine the Restoration Goal.

The next step was to determine the amount of restoration already completed within the County since 2006. The list of available restoration strategies was reviewed, and office and field research were conducted to identify and document qualifying restoration projects. These projects were added to the restoration database, and their equivalent impervious area summed to obtain the restoration accomplished.

3.0 Findings from Stormwater BMP Inspections

The inspection reports for St. Mary's County stormwater BMPs were reviewed to determine which BMPs no longer provide water quality function. The inspectors rated each BMP on a 10-point scale based on

their current condition. BMPs scoring a 7 or below were reviewed to determine if they still provide a water quality function. Those facilities which have failed, or which appear to be in imminent risk of failure to the point they no longer provide water quality treatment, were not counted as providing water quality treatment. Over the past year, St. Mary’s County has repaired 9 failing urban water quality BMPs, restoring 27.48 acres of baseline treatment. A total of 12 urban water quality facilities remain in failing condition. These BMPs are designed to treat 53.06 acres of impervious area, of which 0.10 would classify as restoration credit. However, since their current condition prohibits these facilities from providing proper treatment, this impervious area runoff cannot be credited to the County as treated. This means 52.96 acres of untreated impervious area attributed to failed facilities is included in the baseline impervious area. Recommendations are provided for restoring these facilities to passing conditions in Appendix A.

4.0 MS4 Baseline Impervious Area, and Restoration Requirement

Of the total 230,635.45 acres of land making up the County, 23,839.82 acres lie within the urbanized area established from the 2010 census. There is a total of 3,922.87 acres of impervious surface within this area. According to MDE’s permit guidelines, the County is not responsible for the impervious area falling under state, federal or industrial ownership (MDE, 2014). The total impervious acreage responsible by each of these parties is found in Table 1 below. Excluding these areas brings the County’s impervious area responsibility down to 2,548.50 acres.

Table 1 – Impervious Area Responsibility

Responsible Party	Impervious Area (ac.)
County Urbanized Land Area	3,922.87
State	276.66
Federal	1,076.41
Industrial	21.30
County’s Impervious Area Responsibility	2,548.50

In year 2, 157 BMPs were added to St Mary’s database, of which 95 were structural and Environmental Site Design (ESD) practices and 62 alternative practices. Treatment provided by alternative BMPs is not included in treatment of the baseline but is instead included in the County’s restoration credit. Of the 1029 structural and ESD facilities, 489 treat impervious area within the urbanized region. Dry facilities within this group are excluded from treatment of the baseline because they do not provide water quality treatment under MDE’s stormwater guidelines. As previously mentioned, failing facilities are not included in the treatment of the baseline since they are unable to provide adequate water treatment in their current condition. As discussed in more detail in Section 5.1 below, facilities with missing as-builts and not field verified by MES are also excluded from the baseline treatment since their construction and stormwater treatment cannot be validated. Lastly, treatment provided by post 2006 redevelopment and restoration projects is included in the County’s restoration credit rather than treatment of the baseline. However, some of these projects also treat new development impervious area so they will

provide partial credit to the baseline treatment as well, which is discussed further in Section 4.1. After these deductions, 249 BMPs remained for analysis.

As-builts were first analyzed for the water quality volume provided by each BMP to determine the treatment amount. If this data was not available, MES used the remaining as-built data, such as contours or ponding depth, design plans, design computations and desktop analysis to determine what is being treated. Since these facilities fall under new development criteria, a maximum allowable treatment credit of 1” was applied. Appendix B summarizes the treatment provided by each BMP. It was determined that these 249 facilities provide 407.60 acres of impervious treatment. By subtracting the treated areas from the baseline, St. Mary’s County’s untreated urban impervious area totals to 2,140.90 with a 20% restoration goal of 428.18 acres of treatment (Table 2).

It should be noted that some BMPs which treat impervious area within the urbanized area, are located outside of the urbanized area. In addition, some BMPs treat impervious areas both inside and outside of the urbanized area. Only the treated impervious areas that fall within the urbanized area are counted towards the baseline treatment. It should also be noted that some BMPs treat impervious area classified as State or Federal property. Since State and Federal property was excluded from the County’s responsibility, the facilities did not receive credit for the treatment of these impervious areas.

Table 2 – Baseline Assessment Summary

Baseline Year	Urbanized Area (ac)	Total Urban Impervious (ac)	Treated Urban Impervious (ac)	Untreated Urban Impervious (ac)	20% Restoration Goal (ac)
2015	23,839.82	2,548.50	407.60	2,140.90	428.18

4.1 Determination of Restoration Credit

Redevelopment and restoration projects implemented after 2006 through the permit term are credited toward meeting the restoration goal rather than treatment of the baseline. In year 1, St. Mary’s County reported 71 facilities providing 131.33 acres of restoration credit. These projects included 28 urban BMPs, and 30 facilities within the rural limits of the County identified in the MDE Chesapeake Bay Program Progress Report. Additionally, these projects included 13 dry pond retrofits completed as part of the County’s Regional Water Quality and Nutrient Removal Project. In year 2, another 12 facilities were confirmed through review of as-built plans as providing restoration credit, bringing the County’s restoration total to 134.84 acres. However, after reviewing recent inspection reports, one of the facilities was identified as being in failing condition, reducing the County’s restoration credit to 134.74 acres. A summary of the restoration credit provided by each facility is shown in Appendix C.

MES investigated several sources to collect data to support the existence of other restoration projects in the County. As previously mentioned, one of these sources was the Chesapeake Bay Program Progress Report. While this report provided information for redevelopment and restoration BMP projects, this report also contained data for impervious surface elimination. For every acre of impervious surface converted to grass cover, St. Mary’s County received a 0.75 acre equivalent treatment credit (MDE,

2014). In the year 1 analysis, a total of four projects were identified with a net removal of 2.78 acres of impervious, awarding the County with another 2.09 acres of restoration credit as shown below in Table 3. No additional impervious removal was completed during year 2 of the permit.

Table 3 – Impervious Area Removal Summary

BMP ID	BMP NAME	Total Impervious Area Removed (ac.)	Equivalent Restoration Credit (ac.)
SM19BMP050021	LEXINGTON VILLAGE	2.50	1.88
SM16BMP050970	MECHANICSVILLE ELEM IMPERV REMOVAL	0.14	0.10
SM16BMP050969	FDR BLVD PH 2 IMPERV REMOVAL	0.12	0.09
SM19BMP050091	FUTCHA LLC.	0.02	0.02

MES utilized available records and field observations to identify the existence and condition of outfall stabilization and shoreline management projects within the County (Appendix D). In year 1, MES confirmed 25 outfall stabilization and five shoreline management projects. Over the past year, one additional shoreline management project was complete. Outfall stabilization receives 0.01 acres of equivalent impervious treatment for every foot of stabilization with a maximum credit of 2 acres. Shoreline projects receive 0.04 acres of restoration credit for every foot of shoreline managed. St. Mary’s County earned a total of 22.23 acres of equivalent impervious area treatment from outfall stabilization projects and 126.16 acres of equivalent impervious area treatment from shoreline stabilization projects (Appendix E). MES also identified two additional shoreline projects and one outfall stabilization currently in the planning phase, providing another 60 acres of future restoration credit.

St. Mary’s County Health Department provided property addresses and installation dates for Best Available Technology (BAT) units within the County. St. Mary’s County receives 0.26 acres of equivalent impervious area treatment for each installation that is a conversion from an Onsite Septic System. To determine whether the installation was new or restoration, MES gathered built years of the homes located on the provided properties using Maryland SDAT Property iMap data. If the home’s built year preceded the BAT installation year, the installation was classified as a conversion. In Year 1, 763 BAT installations were identified as conversions. Over the past year, 72 BAT units were installed. Of these new installations, 61 were septic conversions, shown in Appendix F. In total, the County has obtained 214.24 acres of equivalent impervious treatment from BAT installations. Combining this treatment with the previously described restoration treatment equates to 559.46 acres of restoration, surpassing the County’s 20% goal of 428.18 acres of treatment.

5.0 Potential Restoration Opportunities

Although MES has determined that St. Mary’s County will meet their 20% restoration goal without the need to implement new restoration projects, it is beneficial to identify potential opportunities to contribute toward future restoration goals. Also, this provides a plan for if the County loses any of their

current treatment credit after future review, e.g. currently passing facilities fail. MES has evaluated several opportunities, taking into consideration the time and cost of each project.

5.1 Retrieve Missing As-Built Plans and Restoration Projects

St. Mary's County is currently receiving credit for 407.60 acres of urban impervious area treatment. This total only includes properly functioning facilities with as-builts or survey field verifications performed by MES. However, an analysis of 29 BMPs without as-builts was performed to determine the potential treatment credit the County could receive if the proper documentation was retrieved.

Design plans or computations were provided for a portion of the facilities. This data was utilized to determine that these facilities could potentially offer the County an additional 75.04 acres of impervious treatment if the BMPs are verified with a field survey (Appendix G). The remaining 14 water quality BMPs currently have insufficient data to determine their designed treatment amounts. A total of 45.07 acres of urban impervious area lies within the drainage areas of these facilities (Appendix G). Assuming they were designed to treat the first 1" of runoff, this acreage could also be added to the treatment of the baseline once as-builts were obtained.

Retrieving these as-builts, or conducting additional field verification surveys, would add 120.11 acres of treated area back into the baseline, thus reducing the restoration requirement by 24 acres. This task would mainly require identifying the firm responsible for each BMP and contacting the appropriate party to determine if the as-built plan can be located. If existing as-builts cannot be found, there is the option of performing a survey on these stormwater facilities to document the information needed to validate the treatment provided by the BMP. However, field work requires more time and labor. Therefore, this option should only be considered if the majority of the missing as-builts cannot be provided by the contacted parties. In addition, there are undocumented projects that public agencies such as St. Mary's County Schools, the Town of Leonardtown, and the Soil Conservation District, have participated in, that can be documented and added to the restoration project list. In addition, the County may have also previously completed some additional projects (such as eroded channel repair) that can be included in the restoration list.

5.2 GIS Desktop Analysis of Non-Structural Practices

Impervious treatment provided by non-structural BMPs, such as rooftop disconnections and non-rooftop disconnections, within the urbanized area of St. Mary's County was not accounted for in the baseline assessment, presenting another opportunity to reduce the County's restoration requirement. These practices are utilized in more rural portions of the urbanized area since they require a length of sheet flow across pervious surface without interference. Performing a GIS desktop analysis would determine the locations of these practices and the impervious area treated. Field visits would also be required to confirm the existence and treatment of these BMPs. This is a more time intensive task, resulting in higher costs for work.

5.3 Restore Failing Facilities

Currently St. Mary's County is not receiving credit for 52.96 acres of urban impervious area treatment because the BMPs providing this treatment are failing. Additionally, the County is not receiving 0.10

acres of eligible restoration credit due to failing facilities. MES has provided recommendations to restore these facilities in Appendix A. The cost to perform these repairs can increase rapidly depending on the severity of the required maintenance. While all failing facilities must be brought back into compliance as required by the MS4 permit, MES recommends initially focusing on the larger facilities, e.g. ponds, basins and wet extended detention structures. Although they may cost more to repair, these BMPs provide more treatment, resulting in higher awarded credits.

5.4 Retrofit of Dry Ponds

The most cost intensive restoration project would be to retrofit non water quality BMPs, primarily focusing on dry ponds. A study performed by Soltesz followed a similar approach giving preference to facilities on public property (Soltesz, 2014). Soltesz proposed 17 potential retrofit projects covering a drainage area of 252.55 acres with an estimated planning cost of \$4,036,332.00 (Soltesz, 2014). Cost experience from the completed Water Quality and Nutrient Removal project indicates a 2017 cost of \$50,000 per impervious acre (includes all costs) for dry pond conversion to wet pond/submerged gravel wetlands. Since the public sites have already been investigated and feasible projects included in the Water Quality and Nutrient Removal project, MES recommends investigating privately owned facilities for retrofit. Private owners are more likely to be interested in investing in a retrofit knowing that in the future St. Mary's County will be responsible for maintenance of these ponds.

6.0 Conclusion

St. Mary's County urbanized impervious area is partially treated by existing BMPs. The County has a total of 1029 structural and ESD practices, 249 which were evaluated for treatment of the baseline. MES has determined that the 20% restoration goal for the untreated urban impervious area has already been surpassed by St. Mary's existing restoration projects and alternative practices. However, potential restoration opportunities were still evaluated for the purpose of meeting future restoration goals. If future restoration projects are required, MES recommends pursuing more cost efficient opportunities such as retrieving missing as-built plans, documenting completed projects not already documented, and desktop analysis of non-structural practices before investing in larger projects such as retrofitting dry ponds. Additionally, the County should continue maintenance to ensure existing facilities remain in good condition and restore failing facilities to functioning condition.

7.0 References

MDE, 2014. Accounting for Stormwater Wasteload Allocations and Impervious Acres Treated: Guidance for National Pollutant Discharge Elimination System Stormwater Permits. Maryland Department of the Environment.

Soltesz, 2014. St. Mary's Regional Water Quality & Nutrient Removal Project. Soltesz, LLC.

Appendix A

BMP Maintenance Recommendations

Table A.1. Maintenance Recommendations for Failing BMPs

BMP Name	GP No.	BMP ID	BMP Type	Status/Maintenance Level 2019	Status/Maintenance Level 2020	Inspection comments	Recommendations	Pe (inches)	Impervious Credit (ac.)
Exploration IV, V, VI	97-18	10089	Infiltration Basin	Fail/Major	Owner/rep Contacted 5/14/2020 Awaiting activity start	Full of water, not functioning as intended. Trash Previous comments: Water at 2 year level, not draining. Major erosion behind riser, barrel exposed. Major erosion, undercutting under asphalt parking spot	Field verification of BMP type. Intended as infiltration basin. Historic imagery shows basin to be wet. Potentially reconsider design if not operating as intended. Add more riprap at inflows to stabilize erosion.	1	6.86
Exploration I & III	96-29	10096	Retention Pond (Wet Pond)	Fail/Major	Owner/rep Contacted 5/14/2020 Awaiting activity start	CMP showing corrosion, asphalt collapse in outfall into pond, sinkhole on backside of riser, erosion around outfalls into pond	Repair sinkholes and stabilize erosion at inflows and around riser. Add more riprap at inflow to cover exposed filter cloth. Repair collapsed asphalt. Remove accumulated sediment within basin. Repair or replace spillway CMP	1.00	5.16
Lexington Super 8 BMP 1	87-22	10493	Infiltration Trench	Fail/Major	Notificaitons sent via certified mail/ 7/6/2020	Filled with sediment. Water not infiltrating	Remove accumulated sediment within inlet. Ensure CMP inlet pipe (currently buried under sediment) still in good condition. Consider rebuild/redesign	1.00	0.27
Lexington Super 8 BMP 2	87-22	10494	Infiltration Trench	Fail/Major	Passed in January failing again in July. Notificaiton sent via certified mail/ 7/6/2020	Filled with sediment. Water not infiltrating	Remove accumulated sediment within inlet. Ensure CMP inlet pipe (currently buried under sediment) still in good condition. Consider rebuild/redesign	1.00	0.66
Beechwood Estates	87-07	10524	Retention Pond (Wet Pond)	Fail/Major	Notifications Sent via certified mail. Ssuspect HOA has abandoned property. County funding being explored for intervention maintenance.	Trash, debris, inflow blocked, woody vegetation	Remove built up debris and sediment within basin and blocking low flow orifice. Remove woody growth around structures. Would require survey to receive credit	1.00	19.04
Baywoods Hotel	07-49	10103	Extended Detention Structure, Wet	Fail/Major	Currently bein modified under construction under Grading Permit 19-14	Severe erosion in channel leading to forebay. Water in pond very muddy, sediment deposit	Repair damage to inlet channel and stabilize erosion. Add more riprap to cover exposed filter cloth. Remove accumulated sediment within forebay and pond basin.	1.00	9.63
Bay District VFD	05-19	10078	Bioretention	Fail/Major	Issued NOV on 5/4/20-20. County met with VFD on 5/20/2020. Awaitinf report of activity. Work planning underway for VFD	Woody growth, high water, sinkhole, trash	Remove woody growth and unplanned vegetation from around structures. Remove trash from within basin. Repair sink hole and stabilize erosion at inflow. Media may be clogged causing ponding. Investigate extent of clogging. If only top of media shows signs of clogging, replace portion of planting soil and mulch. If full filter compromised consider redesign to add preventatives for clogging (cleanouts and underdrain)	0.90	2.79
Three Notch Crossing	12-20	10627	Extended Detention Structure, Wet	Fail/Minor	No response to certified mailing of 1/72020	Woody growth on spillway and embankment, holding water, half of fence fallen into pond	Remove fence debris from within basin. Repair damaged section of fence. Remove woody growth from spillway and embankment. Check low flow for blockage. Ponding does not appear abnormal from pictures	1	3.02
CHESELDINE CAR WASH	86-43	10167	Retention Pond (Wet Pond)	Fail/Moderate	Notificaitons sent via certified mail/ 7/6/2020	trash, debris, woody growth, high water	Remove trash and debris from within basin. Remove woody growth form around structures. Water sitting at 2 year weir elevation. Field verification to determine if ponding by design. Potentially excavate basin to increase WQv to receive full inch treatment	0.19	0.18
Willowgate at Patuxent Park West	06-12	10554	Extended Detention Structure, Wet	Fail/Moderate	Notice of Violation issued 5/4/2020. Citation to be issued.	High ponding; Forebays and pipes into basin partially submerged; A lot of trash; Woody vegetation	Check low flow for blockage and clean out any buildup. Ensure low flow trash rack still intact/functioning properly, replace if damaged. Remove trash within facility. Remove woody growth within emergency spillway. Replant vegetation to design. Impervious added 2018/2019, re- evaluate design to ensure proper treatment will be provided if brought back to functioning at current design	0.50	5.23
AUTO ZONE BMP 2	02-32	10642	Dry Swale	Fail/Minor		Trash and debris within swale. Accumulated sediment within swale and parking lot draining to swale. Unplanned woody growth within swale.	Remove trash, debris and accumulated sediment from within swale conveyance. Remove unplanned woody vegetation. Remove accumulated sediment from withn parking to reduce fines entering swale.	0.46	0.12
Dunkin Donuts	12-06	10613	Micro-bioretention	Fail/Minor		Accumulated sediment at curb cut openings. Both cleanouts missing caps.	Remove sediment from curb cuts to allow for proper water flow into facility. Replace cleanout cap to ensure water does not bypass treatment.	1	0.10
Total =								53.06	

Appendix B

BMP Treatment Summary

Table B.1. Urban New Development WQ Projects Completed 2019-2020

BMP ID	GP No.	BMP Name	BMP Type	Pe (in.)	Impervious Credit (ac.)
SM18BMP010997	14-23	Airport Hangers Phase 1 MBIO2A	MMBR	1	0.00
SM18BMP010998	14-23	Airport Hangers Phase 1 MBIO2B	MMBR	1	0.00
SM18BMP010999	14-23	Airport Hangers Phase 1 MBIO3	MMBR	1	0.00
SM18BMP011000	14-23	Airport Hangers Phase 1 SGW4	MMBR	1	0.00
SM19BMP010947	18-06	Nicolet Park Entrance Drive MBIO	MMBR	1	0.13
SM19BMP010963	17-23	Morelli Auto Grp MBIO 1B	MMBR	1	0.00
SM19BMP010964	17-23	Morelli Auto Grp MBIO 1A	MMBR	1	0.00
SM19BMP010965	17-23	Morelli Auto Grp South Perv Pave - 7 locations	APRP	1	0.00
SM19BMP010966	17-23	Morelli Auto Grp MBIO 1M	MMBR	0.78	0.00
SM19BMP010967	17-23	Morelli Auto Grp MBIO 1L	MMBR	1	0.00
SM19BMP010968	17-23	Morelli Auto Grp MBIO 1K	MMBR	1	0.00
SM19BMP010969	17-23	Morelli Auto Grp MBIO 1J	MMBR	0.93	0.00
SM19BMP010970	17-23	Morelli Auto Grp MBIO 1G	MMBR	1	0.00
SM19BMP010971	17-23	Morelli Auto Grp MBIO 1F	MMBR	1	0.00
SM19BMP010972	17-23	Morelli Auto Grp MBIO 1E	MMBR	1	0.00
SM19BMP010973	17-23	Morelli Auto Grp MBIO 1D	MMBR	1	0.00
SM19BMP010974	17-23	Morelli Auto Grp MBIO 1C	MMBR	1	0.00
SM19BMP010975	17-23	Morelli Auto Grp North Perv Pave - 5 locations	APRP	1	0.00
SM19BMP010976	05-25	MAZEL SUBDIV POND A	PWET	1	5.56
SM19BMP010992	18-09	Dollar General - 23848 MERVEL DEAN RD M6-1	MMBR	0.46	0.00
SM19BMP010993	18-09	Dollar General - 23848 MERVEL DEAN RD M6-2	MMBR	1	0.00
SM19BMP011001	18-12	Aviation Tech Park Lot 3 Bio 11	MMBR	1	0.00
SM19BMP011002	18-12	Aviation Tech Park Lot 3 Bio 10	MMBR	1	0.00
SM19BMP011011	17-01	Flower of the Forest Lot 500-5 MBIO	MMBR	0.61	0.23
SM20BMP011031	17-02	Donut Connection - California MBIO	MMBR	1	0.27
SM20BMP011032	17-02	Donut Connection - California PAV	APRP	1	0.00
				Total =	6.19

Table B.2. Total Urban BMP WQ Treatment Credit

BMP ID	GP No.	BMP Name	BMP Type	Pe (in.)	Impervious Credit (ac.)
SM10BMP010005	92-20	GREENBRIER BMP 2B	FSND	0.74	2.72
SM10BMP010006	92-20	GREENBRIER BMP 2A	FUND	0.4	0.24
SM10BMP010012	99-02	PEMBROOKE SECT 1 BMP 2	PWED	0.31	3.36
SM10BMP010013	99-02	PEMBROOKE SECT 1 BMP 1	PWED	0.39	1.66
SM10BMP010027	01-17	SHEETZ	FBIO	1	0.79
SM10BMP010028	90-15	BAY RIDGE ESTATES BMP 1	PWET	1	5.03
SM10BMP010030	99-48	CONGREGATION OF JEHOVAH WITNESSES	IBAS	0.2	0.20
SM10BMP010035	00-23	CALLAWAY MARKETPLACE	PWED	1	5.22
SM10BMP010036	99-50	CALLAWAY VILLAGE SHOPS BMP 1	FBIO	1	0.14
SM10BMP010037	99-50	CALLAWAY VILLAGE SHOPS BMP 2	PWET	0.83	2.41
SM10BMP010046	05-05	GOOD SAMARITAN LUTHERAN CH BMP 1A	FBIO	1	0.47
SM10BMP010047	05-05	GOOD SAMARITAN LUTHERAN CH BMP 1B	FBIO	1	0.29
SM10BMP010048	05-05	GOOD SAMARITAN LUTHERAN CH BMP 1C	FBIO	1	0.47
SM10BMP010049	03-03	CECILS MILL	PWED	1	12.18
SM10BMP010056	99-07	SOUTHWOODS BMP 1	PWED	1	9.62
SM10BMP010057	95-12	SOUTHERN PINES BMP 1	PWET	1	0.40
SM10BMP010058	95-12	SOUTHERN PINES BMP 2	PWET	1	2.53
SM10BMP010062	90-01	CEDAR COVE SECT 4 BMP 1	IBAS	0.91	2.92
SM10BMP010063	90-01	CEDAR COVE SECT 4 BMP 2	PWET	1	1.70
SM10BMP010064	96-11	KEDGES STRAIGHT	PWED	0.38	1.79
SM10BMP010072	01-11	LEXINGTON PARK ELEM BMP 2	FUND	0.57	0.74
SM10BMP010079	05-19	BAY DISTRICT VFD BMP 3	FBIO	1	0.40
SM10BMP010085	10-41	HOME2SUITES BY HILTON	PWED	1	5.34
SM10BMP010090	98-14	THE TACKLE BOX INC.	ITRN	1	1.25
SM10BMP010093	02-37	CHESAPEAKE EMBROIDERY BMP 1	FBIO	1	0.26
SM10BMP010094	02-37	CHESAPEAKE EMBROIDERY BMP 2	FBIO	1	0.19
SM10BMP010100	03-22	DUNLEIGH SUB	PWET	0.12	0.49
SM10BMP010105	04-22	POTOMAC PROPERTIES BMP 2	FSND	1	0.26
SM10BMP010106	04-22	POTOMAC PROPERTIES BMP 1	FSND	0.88	0.55
SM10BMP010113	87-13	WARING MINI STORAGE	IBAS	1	1.27
SM10BMP010115	02-18	ST CLEMENTS CROSSING BMP 4	FBIO	0.72	2.65
SM10BMP010116	02-18	ST CLEMENTS CROSSING BMP 1	FBIO	1	0.07
SM10BMP010117	02-18	ST CLEMENTS CROSSING BMP 2	FBIO	1	0.18
SM10BMP010118	02-18	ST CLEMENTS CROSSING BMP 3	FBIO	1	0.21
SM10BMP010129	05-06	GEORGE WASHINGTON CARVER ELEM BMP 3	FSND	0.41	0.99
SM10BMP010130	05-06	GEORGE WASHINGTON CARVER ELEM BMP 4	FSND	0.93	1.90
SM10BMP010133	03-26	GREENVIEW KNOLLS ELEM SCH BMP 2	FSND	0.36	0.69
SM10BMP010137	08-23	CROSSROADS APTS	FSND	1	0.41
SM10BMP010138	08-28	DICKIE GATTON PROPERTY	FSND	1	0.10
SM10BMP010139	90-42	CHANCELLORS RUN REG PARK BMP 1	PWET	0.55	1.45
SM10BMP010143	95-05	HICKORY HILLS PH 3	IBAS	1	2.90
SM10BMP010144	92-29	HICKORY HILLS PH 2	IBAS	0	0.00
SM10BMP010146	87-41	GREENVIEW WEST POND	PWET	1	6.66
SM10BMP010147	96-06	HAYDENS GREEN	PWET	1	29.82
SM10BMP010152	98-24	MEADOW LAKE	PWET	1	17.39
SM10BMP010160	88-07	BAYBERRY SUB	IBAS	1	1.86
SM10BMP010162	90-02	ST GEORGES HUNDRED	PWET	1	9.47
SM10BMP010163	00-25	LOCUST GLEN BMP 1	ITRN	1	0.32
SM10BMP010164	00-25	LOCUST GLEN BMP 2	ITRN	1	0.16
SM10BMP010168	08-55	LA QUINTA INN	FUND	0.22	0.08
SM10BMP010169	06-19	JIFFY LUBE	FBIO	1	1.00
SM10BMP010170	00-28	AMMCO	FSND	0.73	0.61
SM10BMP010176	04-34	CEDAR POINT FED CREDIT UN BMP 1	FBIO	0.38	0.19
SM10BMP010177	04-34	CEDAR POINT FED CREDIT UN BMP 2	FBIO	0.23	0.06
SM10BMP010179	02-12	GRIFFIN FLOORING AMERICA BMP 2	FBIO	0.92	0.61
SM10BMP010183	04-36	WALMART BLDG EXPANSION BMP 1	FSND	1	0.23
SM10BMP010184	04-36	WALMART BLDG EXPANSION BMP 2	ITRN	1	0.65
SM10BMP010185	04-36	WALMART BLDG EXPANSION BMP 3	FBIO	1	0.25
SM10BMP010186	04-36	WALMART BLDG EXPANSION BMP 4	PWET	1	18.33
SM10BMP010189	02-45	OBRIEN REALTY	FSND	1	1.10
SM10BMP010200	03-04	TARLETON CELLULAR TOWER	ODSW	1	0.17
SM10BMP010206	03-05	WAWA (ST ANDREWS CH RD) BMP 1	ITRN	0.98	0.74
SM10BMP010207	03-05	WAWA (ST ANDREWS CH RD) BMP 2	ITRN	0.99	0.60

SM10BMP010210	99-25	FIRST COLONY BMP 1	PWED	0.98	16.39
SM10BMP010211	99-25	FIRST COLONY BMP 2	PWED	1	20.17
SM10BMP010212	06-18	FIRST COLONY POND 3 RETROFIT	PWED	1	5.29
SM10BMP010214	06-31	WILDEWOOD APTS PH 2	PWED	1	12.64
SM10BMP010217	01-07	WILDEWOOD PROFESSIONAL PARK BLDG IV	ITRN	0.09	0.17
SM10BMP010221	91-20	WOODLAKE II/LOCUST RIDGE LAKE 3	PWET	1	7.29
SM10BMP010223	06-35	CHALLENGER EST	PWET	0.51	8.24
SM10BMP010224	02-19	PEPPER RIDGE BMP 1	FSND	0.97	0.89
SM10BMP010225	02-19	PEPPER RIDGE BMP 2	FSND	0.46	0.52
SM10BMP010227	03-25	WILLOW CREEK OF WILDEWOOD	PWED	0.97	5.58
SM10BMP010254	07-13	ALLSTATE INSURANCE BLDG	FSND	1	0.22
SM10BMP010268	90-25	BOATEL CALIFORNIA	IBAS	0	0.00
SM10BMP010270	07-07	BRUSTERS REAL ICE CREAM	IBAS	1	0.34
SM10BMP010271	04-13	GREENLAND GARDEN OFFICE PARK	ITRN	0.71	0.53
SM10BMP010272	93-02	SHRIVERS COMM/RECREATION CNTR	IBAS	1	3.30
SM10BMP010279	99-18	IAM W.W. WINPINSINGER BMP 1	ITRN	1	0.15
SM10BMP010280	01-15	IAM W.W. WINPINSINGER BMP 2	FSND	1	0.06
SM10BMP010281	01-15	IAM W.W. WINPINSINGER BMP 3	FSND	1	0.03
SM10BMP010420	06-13	CENTURY 21 NEW MILLENNIUM	FUND	0.75	0.44
SM10BMP010483	96-28	CHANCELLORS RUN REG PARK BMP 2	FSND	0.49	0.11
SM10BMP010509	86-42	WILDEWOOD TECH PARK LOT 500-8	IBAS	1	2.87
SM10BMP010511	SM-03	TOWN CREEK PARK RETRO-FIT	ITRN	0.15	0.17
SM10BMP010514	SM-10	NICOLET PARK	PWED	0.7	1.61
SM10BMP010516	09-05	MCDONALDS (GREAT MILLS) BMP 1	FUND	1	0.26
SM10BMP010517	09-05	MCDONALDS (GREAT MILLS) BMP 2	FUND	0.56	0.10
SM10BMP010518	90-20	HILLDRUP MOVING AND STORAGE (NAVY MUSEUM)	ITRN	0.47	0.09
SM10BMP010521	85-23	TOWEY SUB BMP 1	ITRN	1	0.11
SM10BMP010522	85-23	TOWEY SUB BMP 2	ITRN	0.37	0.06
SM10BMP010523	85-23	TOWEY SUB BMP 3	ITRN	0.5	0.08
SM19BMP010532	08-33	UNITED RENTAL BMP 1	FUND	1	0.17
SM11BMP010537	08-07	NAVY FEDERAL CREDIT UNION BMP 2	FBIO	1	0.93
SM11BMP010538	09-51	WILDEWOOD TECH BMP 2	FSND	1	1.10
SM11BMP010541	04-14	PEGG RUN TOWNHOMES BMP 1	FBIO	1	0.30
SM11BMP010542	04-14	PEGG RUN TOWNHOMES BMP 2	FBIO	1	0.06
SM11BMP010543	04-14	PEGG RUN TOWNHOMES BMP 3	FBIO	1	0.43
SM11BMP010544	04-14	PEGG RUN TOWNHOMES BMP 4	FBIO	1	0.45
SM11BMP010545	04-14	PEGG RUN TOWNHOMES BMP 5	FBIO	1	0.27
SM11BMP010548	08-04	TOM HODGES AUTO SALES BMP 1	PMED	1	0.13
SM11BMP010549	08-04	TOM HODGES AUTO SALES BMP 2	FSND	1	1.37
SM11BMP010552	08-53	PATUXENT PARK REVITALIZATION	FSND	1	0.11
SM11BMP010553	00-06	GREENBRIER	PWET	0.79	1.75
SM11BMP010555	10-15	BAY DISTRICT FIRE DEPT	FBIO	1	0.05
SM11BMP010560	08-09	HUNTING CREEK SECT 2 BMP 1	FSND	0.95	1.62
SM11BMP010562	05-20	DAHLIA PARK PH 1 BMP 1	FBIO	0.43	1.06
SM11BMP010566	07-43	HUNTING CREEK SECT 1 BMP 1	FBIO	1	0.56
SM11BMP010567	07-43	HUNTING CREEK SECT 1 BMP 2	ODSW	1	0.12
SM11BMP010568	07-43	HUNTING CREEK SECT 1 BMP 3	WEDW	1	5.27
SM12BMP010572	06-02	CRESTFIELD SUB	ODSW	1	0.19
SM12BMP010580	05-23	WESTBURY PH 2 SECT 3, 4, 5 BMP 3	PWED	1	17.84
SM12BMP010583	10-19	RED ROBIN BMP 1	MMBR	0.61	0.08
SM12BMP010584	10-19	RED ROBIN BMP 2	MMBR	0.61	0.09
SM12BMP010585	10-50	TOM HODGES AUTO SALES BMP 3	PWED	1	1.03
SM12BMP010586	09-38	OLIVE GARDEN BMP 1	MMBR	0.95	0.11
SM12BMP010587	09-38	OLIVE GARDEN BMP 2	MMBR	1	0.06
SM12BMP010588	08-35	HOSPICE HOUSE OF ST MARYS	FBIO	1	0.64
SM13BMP010597	04-25	GREENBRIER SECT 5 BMP 1	FSND	0.72	1.63
SM13BMP010598	04-25	GREENBRIER SECT 5 BMP 2	FSND	0.32	0.36
SM13BMP010599	04-25	GREENBRIER SECT 5 BMP 3	FSND	0.6	0.60
SM13BMP010603	08-40	WILDEWOOD WATER TOWER	MSGW	1	0.07
SM13BMP010604	07-44	EVERGREEN ELEM SCH BMP 1	FBIO	1	0.93
SM13BMP010605	07-44	EVERGREEN ELEM SCH BMP 2	FBIO	1	0.48
SM13BMP010606	07-44	EVERGREEN ELEM SCH BMP 3	FBIO	1	1.48
SM13BMP010608	07-44	EVERGREEN ELEM SCH BMP 5	FSND	1	0.75
SM13BMP010609	07-15	PRIMROSE PARK	FSND	0.89	3.44
SM13BMP010611	10-30	FDR BLVD AT VICTORY WOODS BMP 1	FBIO	1	1.06

SM13BMP010625	09-46	WILDEWOOD RECREATION CENTER BMP 1	FBIO	0.8	0.50
SM13BMP010628	11-17	TEXAS ROADHOUSE BMP 1	MMBR	1	0.22
SM13BMP010629	10-37	SAIC AT PARK PLACE BMP 1	FBIO	0.56	0.09
SM13BMP010630	10-37	SAIC AT PARK PLACE BMP 2	FBIO	1	0.05
SM13BMP010631	10-37	SAIC AT PARK PLACE BMP 3	FBIO	1	0.04
SM13BMP010632	10-37	SAIC AT PARK PLACE BMP 4	FBIO	1	0.21
SM13BMP010633	10-37	SAIC AT PARK PLACE BMP 5	FBIO	0.83	0.39
SM13BMP010634	10-37	SAIC AT PARK PLACE BMP 6	FBIO	1	0.28
SM13BMP010635	10-37	SAIC AT PARK PLACE BMP 7	FBIO	1	0.78
SM13BMP010636	10-37	SAIC AT PARK PLACE BMP 8	FBIO	1	0.36
SM13BMP010637	10-37	SAIC AT PARK PLACE BMP 9	FBIO	1	0.17
SM13BMP010638	10-37	SAIC AT PARK PLACE BMP 10	FBIO	1	0.34
SM13BMP010639	12-19	CRACKER BARREL BMP 1	MMBR	1	0.01
SM13BMP010640	12-19	CRACKER BARREL BMP 2	MMBR	1	0.22
SM13BMP010641	02-32	AUTO ZONE BMP 1	FSND	1	0.93
SM14BMP010657	12-23	TRACTOR SUPPLY	ITRN	1	2.18
SM14BMP010658	08-13	3N BUILDING BMP 1	FSND	1	0.20
SM14BMP010659	08-13	THE 3N BUILDING BMP 2	FSND	1	0.28
SM14BMP010661	08-47	LEXINGTON VILLAGE	PWET	1	8.71
SM15BMP010666	10-20	VICTORY WOODS SENIOR HOUSING BMP 1	FBIO	1	0.30
SM15BMP010667	10-20	VICTORY WOODS SENIOR HOUSING BMP 2	FBIO	1	0.37
SM15BMP010668	10-20	VICTORY WOODS SENIOR HOUSING BMP 3	FBIO	1	0.24
SM15BMP010669	10-20	VICTORY WOODS SENIOR HOUSING BMP 7	FBIO	1	0.49
SM16BMP010181	08-14	CORNERSTONE PRESBYTERIAN BMP 1	IBAS	1	0.81
SM16BMP010689	05-10	GARDINERS PL BMP 1	ODSW	1	0.38
SM16BMP010690	05-10	GARDINERS PL BMP 2	ODSW	1	0.12
SM16BMP010707	06-05	GREENBRIER SECT 3 BMP 2	FSND	1	0.45
SM16BMP010708	06-05	GREENBRIER SECT 3 BMP 3	FSND	1	1.37
SM16BMP010710	06-05	GREENBRIER SECT 3 BMP 5	FSND	1	1.17
SM16BMP010711	06-23	CECILS MILL SELF STORAGE BMP 1	PWED	1	2.70
SM16BMP010713	07-31	PRIMROSE PARK BMP 1	PWED	0.82	2.72
SM16BMP010714	07-31	PRIMROSE PARK BMP 2	PWED	0.77	1.72
SM16BMP010716	07-31	PRIMROSE PARK BMP 4	FSND	0.63	1.07
SM16BMP010720	07-31	PRIMROSE PARK BMP 7	FSND	0.7	4.49
SM16BMP010721	08-20	FDR BLVD AT BUCK HEWITT RD BMP 1	IBAS	0.98	0.94
SM16BMP010726	10-48	FIRST COLONY LOT 5000-12 D	FUND	1	0.20
SM16BMP010727	11-22	ELIZABETH HILLS BMP 1	MRNG	0.25	0.09
SM16BMP010728	11-22	ELIZABETH HILLS BMP 2	PPKT	1	0.78
SM16BMP010729	11-22	ELIZABETH HILLS BMP 3	PPKT	1	1.56
SM16BMP010730	11-22	ELIZABETH HILLS BMP 4	FBIO	0.66	0.47
SM16BMP010739	13-29	SMECO RELIABILITY PROJECT BMP 1	MSGW	1	1.41
SM16BMP010742	14-04	WILDEWOOD RECREATION BMP 1	ARTF	1	0.00
SM16BMP010743	14-04	WILDEWOOD RECREATION BMP 2	ARTF	0.98	0.00
SM16BMP010752	08-02	PEMBROOKE PH 3 BMP 1	PWED	1	1.87
SM16BMP010753	08-02	PEMBROOKE PH 3 BMP 2	PWED	0.74	2.76
SM16BMP010754	08-02	PEMBROOKE PH 3 BMP 3	FSND	1	0.70
SM16BMP010755	08-02	PEMBROOKE PH 4 BMP 4	PWED	1	3.76
SM16BMP010756	08-02	PEMBROOKE PH 4 BMP 5	FSND	1	1.56
SM16BMP010757	08-02	PEMBROOKE PH 4 BMP 6	PWED	1	0.10
SM16BMP010758	09-31	PARK PLACE PH 1 BMP 1	MSGW	1	2.85
SM16BMP010759	09-31	PARK PLACE PH 1 BMP 3	MSGW	1	2.89
SM16BMP010763	12-24	FDR BLVD PH 2 MBR 2A-2 BMP 3	MMBR	1	0.09
SM16BMP010764	12-24	FDR BLVD PH 2 MBR 2A-1 BMP 2	MENF	1	0.08
SM16BMP010765	12-24	FDR BLVD PH 2 MBR 2B BMP 4	MMBR	1	0.14
SM16BMP010775	13-30	GOLDEN CORRAL BMP 6	MSGW	1	0.85
SM16BMP010776	14-15	HOLIDAY INN & EXPRESS BMP 2	MSGW	1	0.66
SM16BMP010777	06-14	FIRST MISSIONARY BAPTIST CHURCH BMP 1	MRNG	1	0.11
SM16BMP010778	06-14	FIRST MISSIONARY BAPTIST CHURCH BMP 2	MIDW	1	0.47
SM16BMP010779	07-05	ESTATES AT JOY CHAPEL	PWED	1	8.04
SM16BMP010781	10-26	WILLOWS ROAD BUSINESS PARK BMP 1	FBIO	1	1.52
SM16BMP010783	10-26	WILLOWS ROAD BUSINESS PARK BMP 3	PWED	1	1.67
SM17BMP010793	16-14	GREAT MILLS CELL TOWER BMP 1	MMBR	1	0.00
SM17BMP010799	16-21	PARK PLACE, UNIT 5 BMP 1	MMBR	1	0.00
SM18BMP010806	08-52	THOMPSON SUB BMP 1	FSND	1	0.41
SM18BMP010811	12-10	MAGNOLIA PARK TOWNHOMES BMP 1	PWED	1	3.09

SM18BMP010812	12-10	MAGNOLIA PARK TOWNHOMES BMP 2	FSND	1	0.39
SM18BMP010813	12-10	MAGNOLIA PARK TOWNHOMES BMP 3	ODSW	1	0.26
SM18BMP010843	07-24	WILDEWOOD CONDOMINIUMS	FBIO	1	0.16
SM18BMP010844	15-17	TOM HODGES AUTO SALES BMP 4	MMBR	1	0.07
SM18BMP010846	08-01	PEMBROOKE PH 2 BMP 7	PWED	1	3.19
SM18BMP010847	14-28	LYNN DR WWPS REPLACEMENT BMP 1	MMBR	1	0.00
SM18BMP010848	15-03	KOTERWAS DENTAL OFFICE BMP 1	MMBR	1	0.00
SM18BMP010849	15-03	KOTERWAS DENTAL OFFICE BMP 2	MMBR	1	0.00
SM18BMP010855	06-15	CLEMENTS WOODS BMP 1	PWED	1	1.96
SM18BMP010856	06-15	CLEMENTS WOODS BMP 2	FBIO	0.67	0.37
SM18BMP010858	09-11	SHADY CT OFFICE COMPLEX BMP 2	PPKT	1	0.80
SM18BMP010859	09-11	SHADY CT OFFICE COMPLEX BMP 3	FSND	1	0.42
SM18BMP010861	09-11	SHADY CT OFFICE COMPLEX BMP 5	FSND	1	0.18
SM18BMP010863	14-22	LANCASTER PARK BMP 1	MMBR	1	0.00
SM18BMP010864	14-22	LANCASTER PARK BMP 2	MMBR	1	0.00
SM18BMP010865	14-22	LANCASTER PARK BMP 3	MMBR	1	0.00
SM18BMP010866	14-22	LANCASTER PARK BMP 4	MMBR	1	0.00
SM18BMP010867	14-22	LANCASTER PARK BMP 5	MMBR	1	0.00
SM18BMP010868	14-22	LANCASTER PARK BMP 6	MMBR	1	0.04
SM18BMP010869	14-22	LANCASTER PARK BMP 7	MMBR	1	0.00
SM18BMP010870	14-22	LANCASTER PARK BMP 8	MMBR	1	0.00
SM18BMP010871	14-22	LANCASTER PARK BMP 9	MMBR	1	0.00
SM18BMP010872	14-22	LANCASTER PARK BMP 10	MMBR	1	0.00
SM18BMP010873	14-22	LANCASTER PARK BMP 11	MMBR	1	0.00
SM18BMP010874	14-22	LANCASTER PARK BMP 12	MSWB	1	0.00
SM18BMP010875	14-22	LANCASTER PARK BMP 13	MSWB	1	0.00
SM18BMP010876	14-22	LANCASTER PARK BMP 14	MSWB	1	0.00
SM18BMP010879	17-04	DOLLAR GENERAL GREAT MILLS BMP 1	MMBR	1	0.00
SM18BMP010880	17-04	DOLLAR GENERAL GREAT MILLS BMP 2	MSWB	0.91	0.00
SM18BMP010997	14-23	Airport Hangers Phase 1 MBIO2A	MMBR	1	0.00
SM18BMP010998	14-23	Airport Hangers Phase 1 MBIO2B	MMBR	1	0.00
SM18BMP010999	14-23	Airport Hangers Phase 1 MBIO3	MMBR	1	0.00
SM18BMP011000	14-23	Airport Hangers Phase 1 SGW4	MMBR	1	0.00
SM19BMP010947	18-06	Nicolet Park Entrance Drive MBIO	MMBR	1	0.13
SM19BMP010963	17-23	Morelli Auto Grp MBIO 1B	MMBR	1	0.00
SM19BMP010964	17-23	Morelli Auto Grp MBIO 1A	MMBR	1	0.00
SM19BMP010965	17-23	Morelli Auto Grp South Perv Pave - 7 locations	APRP	1	0.00
SM19BMP010966	17-23	Morelli Auto Grp MBIO 1M	MMBR	0.78	0.00
SM19BMP010967	17-23	Morelli Auto Grp MBIO 1L	MMBR	1	0.00
SM19BMP010968	17-23	Morelli Auto Grp MBIO 1K	MMBR	1	0.00
SM19BMP010969	17-23	Morelli Auto Grp MBIO 1J	MMBR	0.93	0.00
SM19BMP010970	17-23	Morelli Auto Grp MBIO 1G	MMBR	1	0.00
SM19BMP010971	17-23	Morelli Auto Grp MBIO 1F	MMBR	1	0.00
SM19BMP010972	17-23	Morelli Auto Grp MBIO 1E	MMBR	1	0.00
SM19BMP010973	17-23	Morelli Auto Grp MBIO 1D	MMBR	1	0.00
SM19BMP010974	17-23	Morelli Auto Grp MBIO 1C	MMBR	1	0.00
SM19BMP010975	17-23	Morelli Auto Grp North Perv Pave - 5 locations	APRP	1	0.00
SM19BMP010976	05-25	MAZEL SUBDIV POND A	PWET	1	5.56
SM19BMP010992	18-09	Dollar General - 23848 MERVEL DEAN RD M6-1	MMBR	0.46	0.00
SM19BMP010993	18-09	Dollar General - 23848 MERVEL DEAN RD M6-2	MMBR	1	0.00
SM19BMP011001	18-12	Aviation Tech Park Lot 3 Bio 11	MMBR	1	0.00
SM19BMP011002	18-12	Aviation Tech Park Lot 3 Bio 10	MMBR	1	0.00
SM19BMP011011	17-01	Flower of the Forest Lot 500-5 MBIO	MMBR	0.61	0.23
SM20BMP011031	17-02	Donut Connection - California MBIO	MMBR	1	0.27
SM20BMP011032	17-02	Donut Connection - California PAV	APRP	1	0.00
SM20BMP050968	17-19	ABBERLY CREST PH 1	PMPS	1	19.12
				Total =	407.60

Appendix C
Redevelopment and Restoration
Credits

Table C.1. Redevelopment and Restoration Projects Completed 2019-2020

BMP ID	GP No.	BMP NAME	BMP Type	Installation Date	Impervious Area (ac.)	Pe (in.)	Restoration Credit (ac.)
SM19BMP010935	18-23	Patuxant Park Revitalization Ph 3 MB-1	Micro- Bioretention	5/23/2019	0.21	2.39	0.28
SM19BMP010936	18-23	Patuxant Park Revitalization Ph 3 MB-2	Micro- Bioretention	5/23/2019	0.26	1.05	0.26
SM19BMP010937	18-23	Patuxant Park Revitalization Ph 3 FLT-1	Bioretention	5/23/2019	0.25	1.00	0.25
SM19BMP010938	18-23	Patuxant Park Revitalization Ph 3 FLT-2	Bioretention	5/23/2019	0.13	1.00	0.13
SM19BMP010939	18-23	Patuxant Park Revitalization Ph 3 FLT-3	Bioretention	5/23/2019	0.25	1.00	0.25
SM19BMP010940	18-23	Patuxant Park Revitalization Ph 3 FLT-4	Bioretention	5/23/2019	0.15	1.00	0.15
SM19BMP010941	18-23	Patuxant Park Revitalization Ph 3 FLT-5	Bioretention	5/23/2019	0.15	1.00	0.15
SM19BMP010942	18-23	Patuxant Park Revitalization Ph 3 FLT-6	Bioretention	5/23/2019	0.19	1.00	0.19
SM19BMP010943	18-23	Patuxant Park Revitalization Ph 3 FLT-7	Bioretention	5/23/2019	0.20	1.00	0.20
SM19BMP010944	18-23	Patuxant Park Revitalization Ph 3 FLT-15	Bioretention	5/23/2019	0.35	1.00	0.35
SM19BMP010951	14-09	Great Mills HighSchool Cell 1	Bioretention	1/9/2019	3.50	0.20	0.70
SM19BMP010952	14-09	Great Mills HighSchool Cell 2	Bioretention	1/9/2019	1.43	0.43	0.61
						Total =	3.53

Table C.2. Redevelopment and Restoration Credit

BMP ID	GP No.	BMP NAME	BMP Type	Installation Date	Impervious Area (ac.)	Pe (in.)	Restoration Credit (ac.)	Comments
SM10BMP010138	08-28	DICKIE GATTON PROPERTY	Sand Filter	9/14/2009	0.30	0.17	0.05	Urban
SM10BMP010158	07-23	SAN SOUCI RETAIL SITE BMP 2	Infiltration Trench	8/10/2007	0.45	0.65	0.29	Urban
SM10BMP010169	06-19	JIFFY LUBE	Bioretention	4/30/2007	0.08	1.87	0.10	Urban
SM10BMP010254	07-13	ALLSTATE INSURANCE BLDG	Sand Filter	3/16/2009	0.03	1.19	0.04	Urban
SM10BMP010270	07-07	BRUSTERS REAL ICE CREAM	IBAS	3/20/2008	0.01	2.36	0.01	Urban
SM10BMP010516	09-05	MCDONALDS (GREAT MILLS) BMP 1	FUND	12/3/2009	0.22	2.33	0.29	Urban
SM19BMP010532	08-33	UNITED RENTAL BMP 1	FUND	5/11/2010	0.84	0.45	0.38	Urban
SM11BMP010552	08-53	PATUXENT PARK REVITALIZATION	Sand Filter	12/2/2010	0.61	0.54	0.33	Urban
SM11BMP010555	10-15	BAY DISTRICT FIRE DEPT	Bioretention	3/14/2011	0.47	1.03	0.47	Urban
SM12BMP010571	09-37	PNC BANK - LEXINGTON PARK	FUND	5/9/2011	0.49	1.18	0.51	Urban
SM14BMP010655	10-36	RODRIQUES PROPERTY	Sand Filter	6/18/2013	2.00	0.44	0.88	Urban
SM14BMP010661	08-47	LEXINGTON VILLAGE	PWET	11/12/2013	4.70	1.06	4.77	Urban
SM16BMP010181	08-14	CORNERSTONE PRESBYTERIAN BMP 1	IBAS	10/24/2014	1.79	1.74	2.12	Urban
SM16BMP010749	15-10	CLARKS MILL RD INFILTRATION TRENCH RETROFIT BMP 1	ITRN	12/8/2014	0.18	1.23	0.19	Urban
SM16BMP010750	15-22	PATUXENT PARK REVITALIZATION BMP 1	Bioretention	8/7/2015	0.21	1.00	0.21	Urban
SM16BMP010751	15-22	PATUXENT PARK REVITALIZATION PH 2 BMP 2	Bioretention	8/7/2015	0.25	1.00	0.25	Urban
SM16BMP010762	12-24	FDR BLVD PH 2 BMP 1	MENF	10/15/2015	0.06	2.06	0.08	Urban
SM16BMP010763	12-24	FDR BLVD PH 2 MBR 2A-2 BMP 3	Micro- Bioretention	10/15/2015	0.01	2.46	0.01	Urban
SM16BMP010764	12-24	FDR BLVD PH 2 MBR 2A-1 BMP 2	MENF	10/15/2015	0.00	2.03	0.01	Urban
SM16BMP010765	12-24	FDR BLVD PH 2 MBR 2B BMP 4	Micro- Bioretention	10/15/2015	0.07	2.53	0.09	Urban
SM16BMP010766	12-24	FDR BLVD PH 2 BMP 5	Bioretention	10/15/2015	0.08	1.00	0.08	Urban
SM16BMP010767	12-24	FDR BLVD PH 2 BMP 6	Bioretention	10/15/2015	0.18	0.76	0.14	Urban
SM16BMP010770	13-30	GOLDEN CORRAL BMP 1	Micro- Bioretention	1/14/2016	0.32	1.39	0.35	Urban
SM16BMP010771	13-30	GOLDEN CORRAL BMP 2	Micro- Bioretention	1/14/2016	0.30	1.86	0.36	Urban
SM16BMP010772	13-30	GOLDEN CORRAL BMP 3	Micro- Bioretention	1/14/2016	0.27	2.80	0.39	Urban
SM16BMP010773	13-30	GOLDEN CORRAL BMP 4	Micro- Bioretention	1/14/2016	0.30	2.80	0.44	Urban
SM16BMP010774	13-30	GOLDEN CORRAL BMP 5	Micro- Bioretention	1/14/2016	0.09	1.36	0.09	Urban
SM18BMP010844	15-17	TOM HODGES AUTO SALES BMP 4	Micro-Bioretention	4/25/2017	0.36	2.80	0.52	Urban
SM19BMP010935	18-23	Patuxant Park Revitalization Ph 3 MB-1	Micro- Bioretention	5/23/2019	0.21	2.39	0.28	Urban
SM19BMP010936	18-23	Patuxant Park Revitalization Ph 3 MB-2	Micro- Bioretention	5/23/2019	0.26	1.05	0.26	Urban
SM19BMP010937	18-23	Patuxant Park Revitalization Ph 3 FLT-1	Bioretention	5/23/2019	0.25	1.00	0.25	Urban
SM19BMP010938	18-23	Patuxant Park Revitalization Ph 3 FLT-2	Bioretention	5/23/2019	0.13	1.00	0.13	Urban
SM19BMP010939	18-23	Patuxant Park Revitalization Ph 3 FLT-3	Bioretention	5/23/2019	0.25	1.00	0.25	Urban
SM19BMP010940	18-23	Patuxant Park Revitalization Ph 3 FLT-4	Bioretention	5/23/2019	0.15	1.00	0.15	Urban
SM19BMP010941	18-23	Patuxant Park Revitalization Ph 3 FLT-5	Bioretention	5/23/2019	0.15	1.00	0.15	Urban
SM19BMP010942	18-23	Patuxant Park Revitalization Ph 3 FLT-6	Bioretention	5/23/2019	0.19	1.00	0.19	Urban. maintenance to performed by 9/30/20)
SM19BMP010943	18-23	Patuxant Park Revitalization Ph 3 FLT-7	Bioretention	5/23/2019	0.20	1.00	0.20	Urban.maintenance to performed by 9/30/20)
SM19BMP010944	18-23	Patuxant Park Revitalization Ph 3 FLT-15	Bioretention	5/23/2019	0.35	1.00	0.35	Urban. maintenance to performed by 9/30/20)
SM19BMP010951	14-09	Great Mills HighSchool Cell 1	Bioretention	1/9/2019	3.50	0.20	0.70	Urban
SM19BMP010952	14-09	Great Mills HighSchool Cell 2	Bioretention	1/9/2019	1.43	0.43	0.61	Urban
SM20BMP050955	18-07	Green Holly ES	Submerged Gravel Wetland	7/4/2019	5.22	0.53	2.77	Urban
SM20BMP050956	18-07	Hollywood Elem School	Wet Pond	7/4/2019	3.74	2.80	5.42	Urban
SM20BMP050957	18-07	Lettie Marshall Dent Elem School	Micropool Extended Detention Pond	7/4/2019	4.26	1.64	4.94	Rural
SM20BMP050958	18-07	St. Andrews Maintenance Facility	Submerged Gravel Wetland	7/4/2019	5.73	1.16	5.97	Rural
SM20BMP050959	18-07	Park Hall Elem School	Micropool Extended Detention Pond	7/4/2019	4.85	2.80	7.03	Urban. Verify status MES inspection
SM20BMP050960	18-07	5th District Park	Submerged Gravel Wetland	7/4/2019	2.38	2.35	3.18	Rural
SM20BMP050961	18-07	County Health Dept	Wet Pond	7/4/2019	9.60	2.80	13.92	Rural
SM20BMP050962	18-07	Governmental Center Regional Pond B	Wet Pond	7/4/2019	16.55	2.80	24.00	Rural
SM20BMP050963	18-07	Leonardtown High School BMP 1	Wet Pond	7/4/2019	14.11	2.80	20.46	Rural. Verify status MES inspection
SM20BMP050964	18-07	Leonardtown High School BMP 2	Submerged Gravel Wetland	7/4/2019	4.55	0.61	2.79	Rural. Verify status MES inspection
SM20BMP050965	18-07	Esperanza Middle School	Submerged Gravel Wetland	7/4/2019	2.21	1.89	2.70	Urban
SM20BMP050966	18-07	Pegg Rd	Submerged Gravel Wetland	7/4/2019	2.95	1.50	3.32	Urban. Verify status MES inspection
SM20BMP050967	18-07	Spring Ridge Middle School	Extended Detention Structure, Wet	7/4/2019	1.76	2.78	2.54	Rural. Verify status MES inspection

SM10BMP010327	07-55	MOTHER CATHERINE SPALDING SCH	Sand Filter	4/9/2008	0.35	1.00	0.35	Rural
SM10BMP010384	06-27	IMMACULATE CONCEPTION CHURCH HALL	Bioretention	12/22/2008	0.36	1.00	0.36	Rural
SM10BMP010506	03-17	MARGARET BRENT MIDDLE SCH	Extended Detention Structure, Wet	3/17/2010	3.28	1.00	3.28	Rural
SM10BMP010507	03-17	MARGARET BRENT MIDDLE SCH	Bioretention	3/17/2010	2.15	1.00	2.15	Rural
SM11BMP010550	08-75	SEVENTH DISTRICT PARK	Bioretention	1/19/2011	0.29	1.00	0.29	Rural
SM11BMP010551	08-75	SEVENTH DISTRICT PARK	Bioretention	1/19/2011	0.24	1.00	0.24	Rural
SM12BMP010579	10-11	PINEY POINT LIGHTHOUSE MUSEUM PARK	Rain Gardens	7/11/2011	0.44	0.70	0.31	Rural
SM19BMP050009	07-46	2ND DISTRICT VFD	Grass Swale	8/12/2012	0.34	0.20	0.07	Rural. Verify status MES inspection
SM19BMP050039	08-75	SEVENTH DISTRICT PARK	Disconnection of Non-Rooftop Runoff	1/19/2011	0.49	1.00	0.49	Rural. Verify status MES inspection
SM19BMP050040	08-75	SEVENTH DISTRICT PARK	Grass Swale	1/19/2011	0.13	1.00	0.13	Rural. Verify status MES inspection
SM12BMP010578	10-11	PINEY POINT LIGHTHOUSE MUSEUM PARK	Bioretention	7/11/2011	0.85	0.20	0.17	Rural
SM13BMP010613	12-06	DUNKIN DONUTS	Micro-Bioretention	9/12/2012	0.00	1.00	0.00	Rural. Failing
SM13BMP010614	12-14	OAKVILLE ELEM SCH	Micro-Bioretention	3/21/2013	0.21	1.00	0.21	Rural
SM13BMP010615	12-14	OAKVILLE ELEM SCH	Micro-Bioretention	3/21/2013	0.15	1.00	0.15	Rural
SM13BMP010616	12-14	OAKVILLE ELEM SCH	Micro-Bioretention	3/21/2013	0.12	1.00	0.12	Rural
SM13BMP010617	12-14	OAKVILLE ELEM SCH	Micro-Bioretention	3/21/2013	0.33	1.00	0.33	Rural
SM16BMP010724	09-52	SMIP LOT 14	Bioretention	4/16/2015	0.47	1.00	0.47	Rural
SM16BMP010733	13-05	PATHWAY RENOVATIONS	Submerged Gravel Wetlands	7/22/2015	0.41	1.00	0.41	Rural
SM16BMP010735	13-12	MECHANICSVILLE ELEM	Enhanced Filters	3/19/2015	0.30	2.80	0.44	Rural
SM16BMP010736	13-12	MECHANICSVILLE ELEM	Enhanced Filters	3/19/2015	0.29	2.80	0.42	Rural
SM16BMP010737	13-12	MECHANICSVILLE ELEM	Enhanced Filters	3/19/2015	0.14	2.80	0.20	Rural
SM16BMP010738	13-12	MECHANICSVILLE ELEM	Enhanced Filters	3/19/2015	0.03	2.80	0.04	Rural
SM16BMP010744	14-08	DAIRY QUEEN CHARLOTTE HALL	Micro-Bioretention	1/14/2015	0.24	1.00	0.24	Rural
SM16BMP010745	14-08	DAIRY QUEEN CHARLOTTE HALL	Micro-Bioretention	1/14/2015	0.24	1.00	0.24	Rural
SM17BMP010801	13-26	FAITH BIBLE CHURCH	Micro-Bioretention	12/9/2016	0.17	1.80	0.20	Rural
SM17BMP010802	13-26	FAITH BIBLE CHURCH	Micro-Bioretention	12/9/2016	0.15	1.80	0.18	Rural
SM17BMP010803	13-26	FAITH BIBLE CHURCH	Rain Gardens	12/9/2016	0.05	1.80	0.06	Rural
SM18BMP010809	12-05	CHARLOTTE HALL SCRAP	Submerged Gravel Wetlands	1/26/2017	1.97	2.18	2.55	Rural
SM18BMP010810	12-05	CHARLOTTE HALL SCRAP	Submerged Gravel Wetlands	1/26/2017	1.24	2.18	1.61	Rural
SM10BMP010235	8-30	Governmental Center Pond A	Extended Detention Structure, Wet	2008	2.91	1.14	3.01	Rural
Total =							134.74	

Appendix D

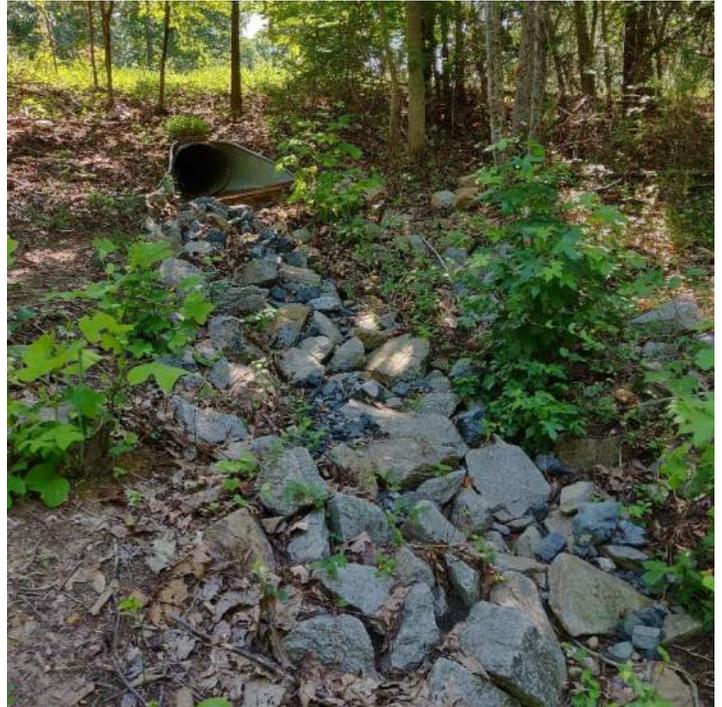
Outfall and Shoreline Stabilization Projects

D.1. Outfall Stabilization Projects

21985 Philip Drive



Project Length = 32 ft



Equivalent impervious credit = 0.32 acres

22988 Forest Way



Project Length = 26 ft



Equivalent impervious credit = 0.26 acres

Southwell Court



Project Length = 110 ft

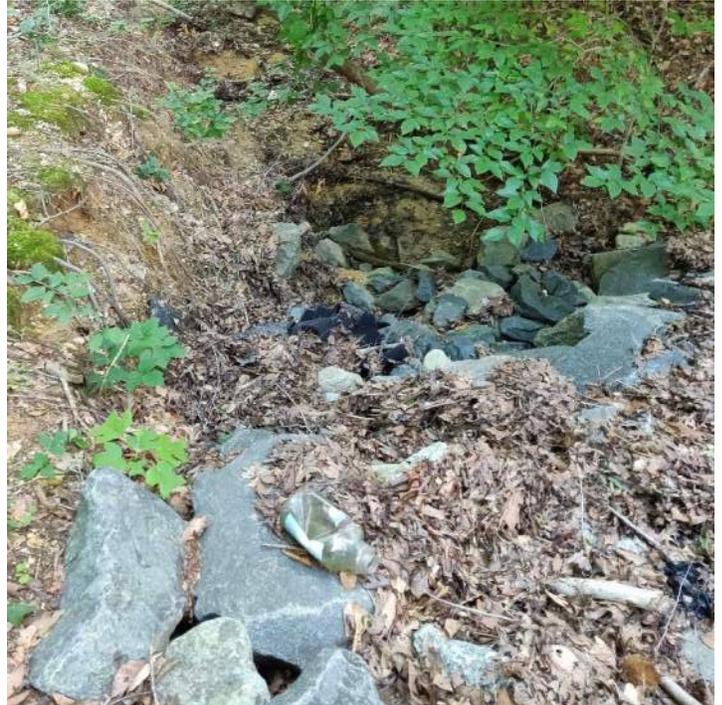


Equivalent impervious credit = 1.10 acres

26100 Crescent Lane



Project Length = 225 ft



Equivalent impervious credit = 2.00 acres

26984 Millseat Drive

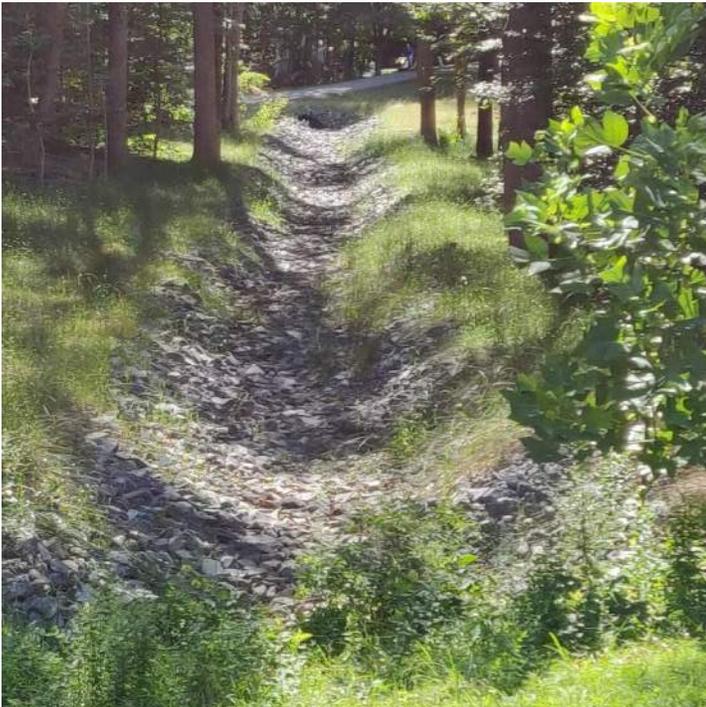


Project Length = 316 ft



Equivalent impervious credit = 2.00 acres

27005 Yowaski Mill Rd



Project Length = 398 ft



Equivalent impervious credit = 2.00 acres

27155 Cox Drive



Project Length = 75 ft

Equivalent impervious credit = 0.75 acres

37621 Asher Drive



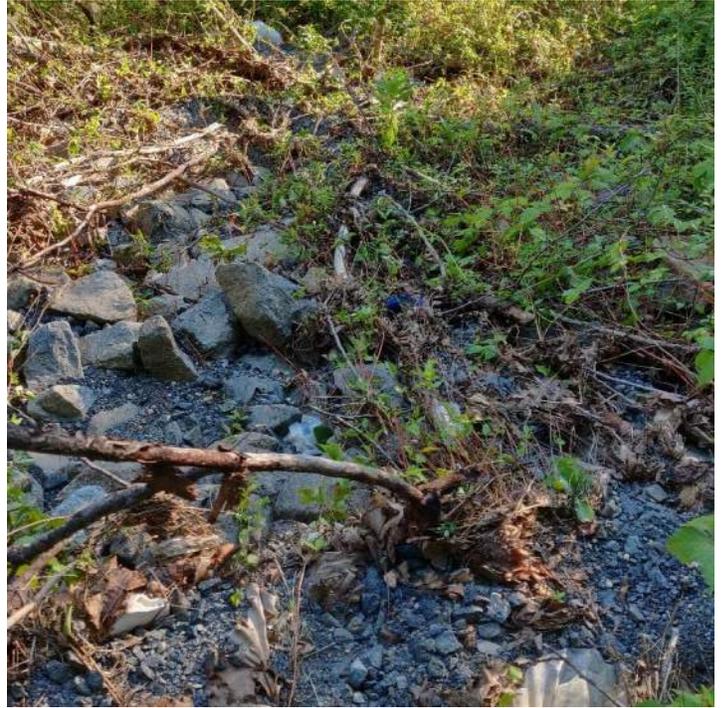
Project Length = 30 ft

Equivalent impervious credit = 0.30 acres

38496 Arlington Drive



Project Length = 20 ft



Equivalent impervious credit = 0.20 acres

40913 Starling Ct



Project Length = 25 ft



Equivalent impervious credit = 0.25 acres

46040 Adams Court



Project Length = 70 ft

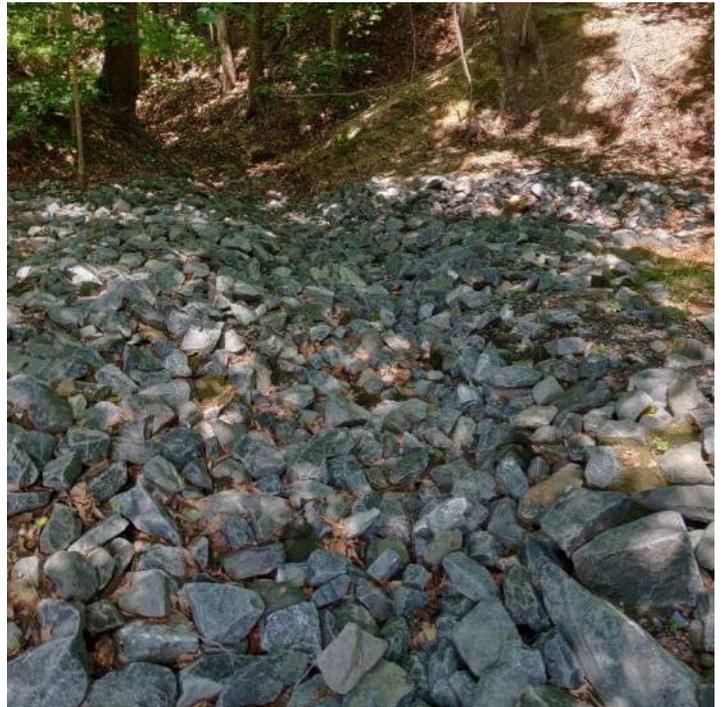


Equivalent impervious credit = 0.70 acres

46048 Adams Court



Project Length = 50 ft



Equivalent impervious credit = 0.50 acres

Esperanza Middle School



Project Length = 210 ft



Equivalent impervious credit = 2.00 acres

Reed Court



Project Length = 200 ft



Equivalent impervious credit = 2.00 acres

Spruce Drive

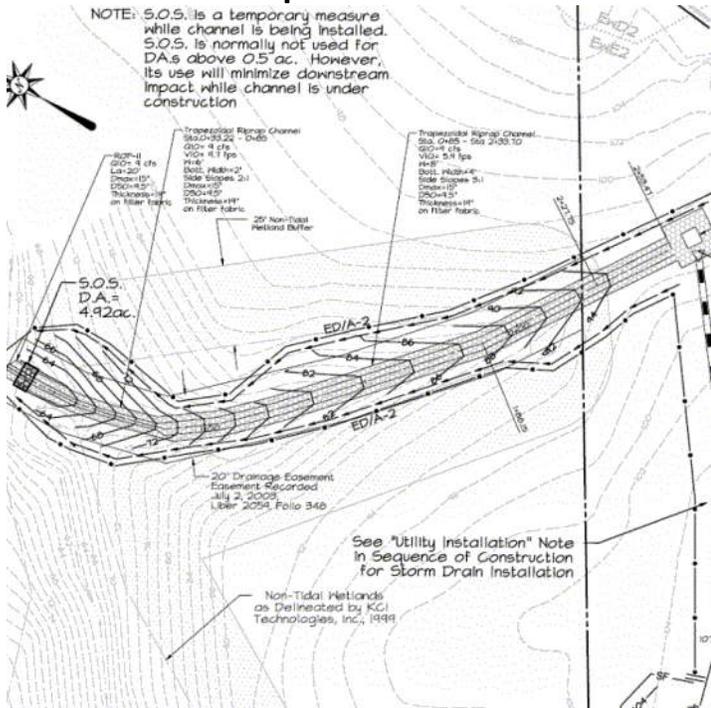


Project Length = 40 ft



Equivalent impervious credit = 0.40 acres

Naval Museum Expansion



Project Length = 233 ft



Equivalent impervious credit = 2.00 acres

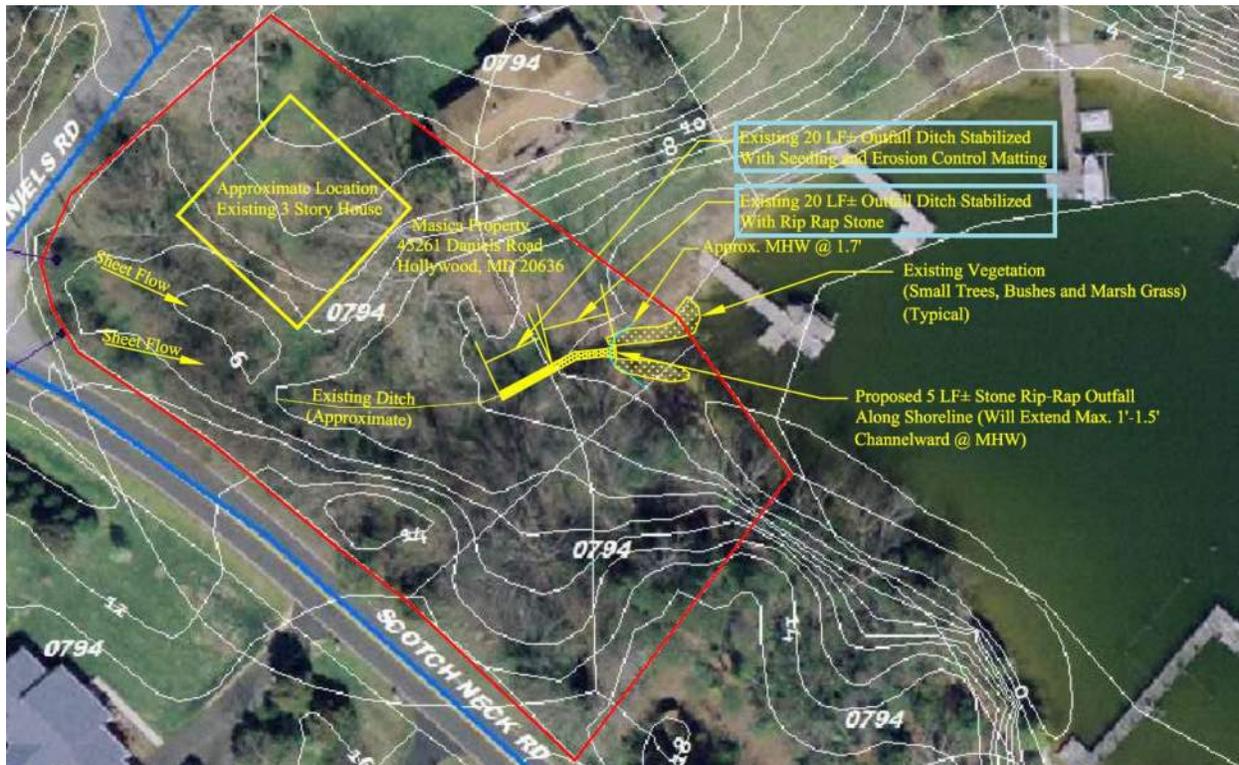
Belvoir Rd



Project Length = 17 ft

Equivalent impervious credit = 0.17 acres

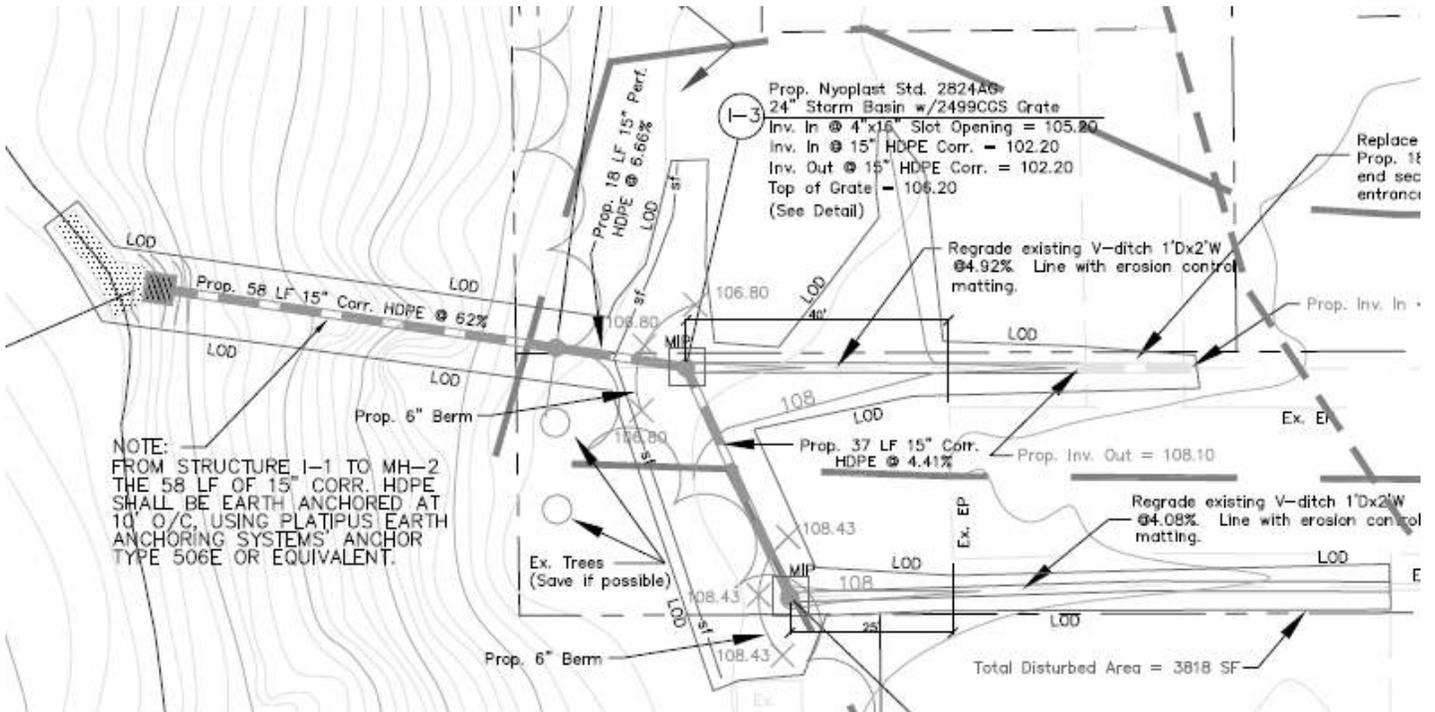
Daniels Road



Project Length = 40 ft

Equivalent impervious credit = 0.40 acres

Elm Court



Project Length = 65 ft

Equivalent impervious credit = 0.65 acres

D.2. Shoreline Stabilization Projects

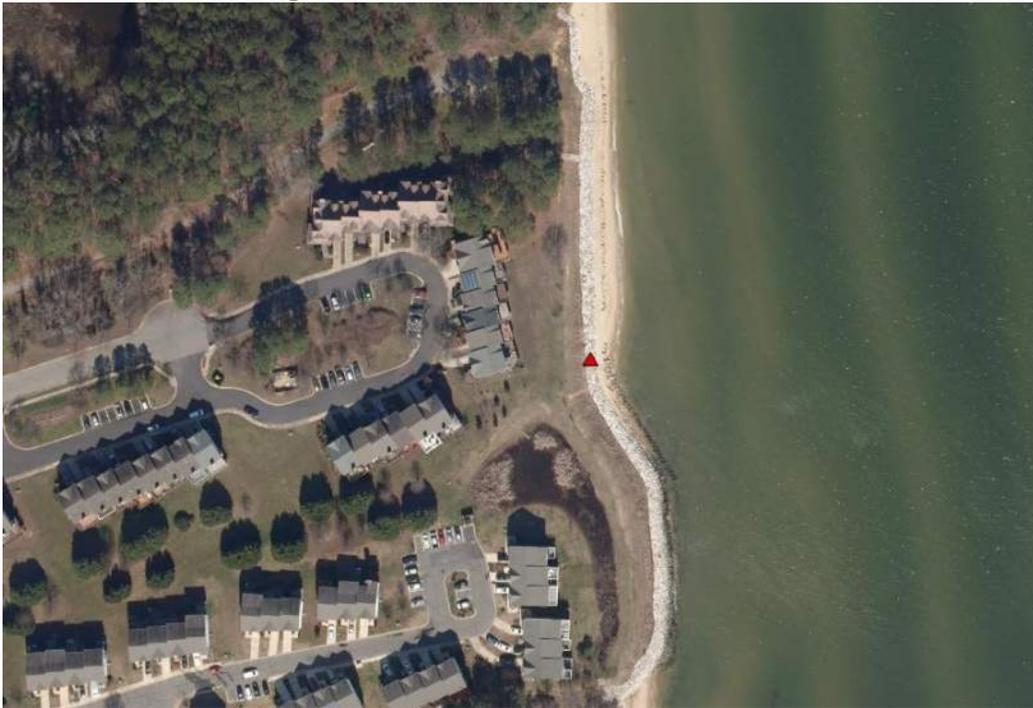
Holly Point Road



Project Length = 568 ft

Equivalent impervious credit = 22.72 acres

Cedar Cove Villas on Waters Edge



Project Length = 862 ft

Equivalent impervious credit = 34.48 acres

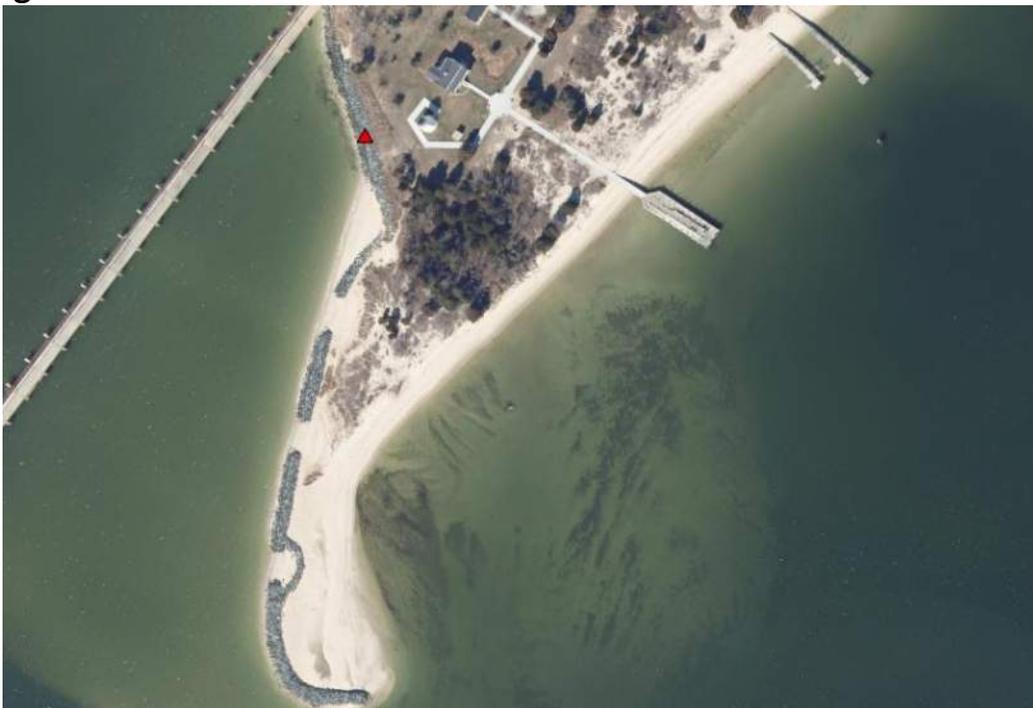
Thomas Road



Project Length = 217 ft

Equivalent impervious credit = 8.68 acres

Piney Point Lighthouse



Project Length = 600 ft

Equivalent impervious credit = 24 acres

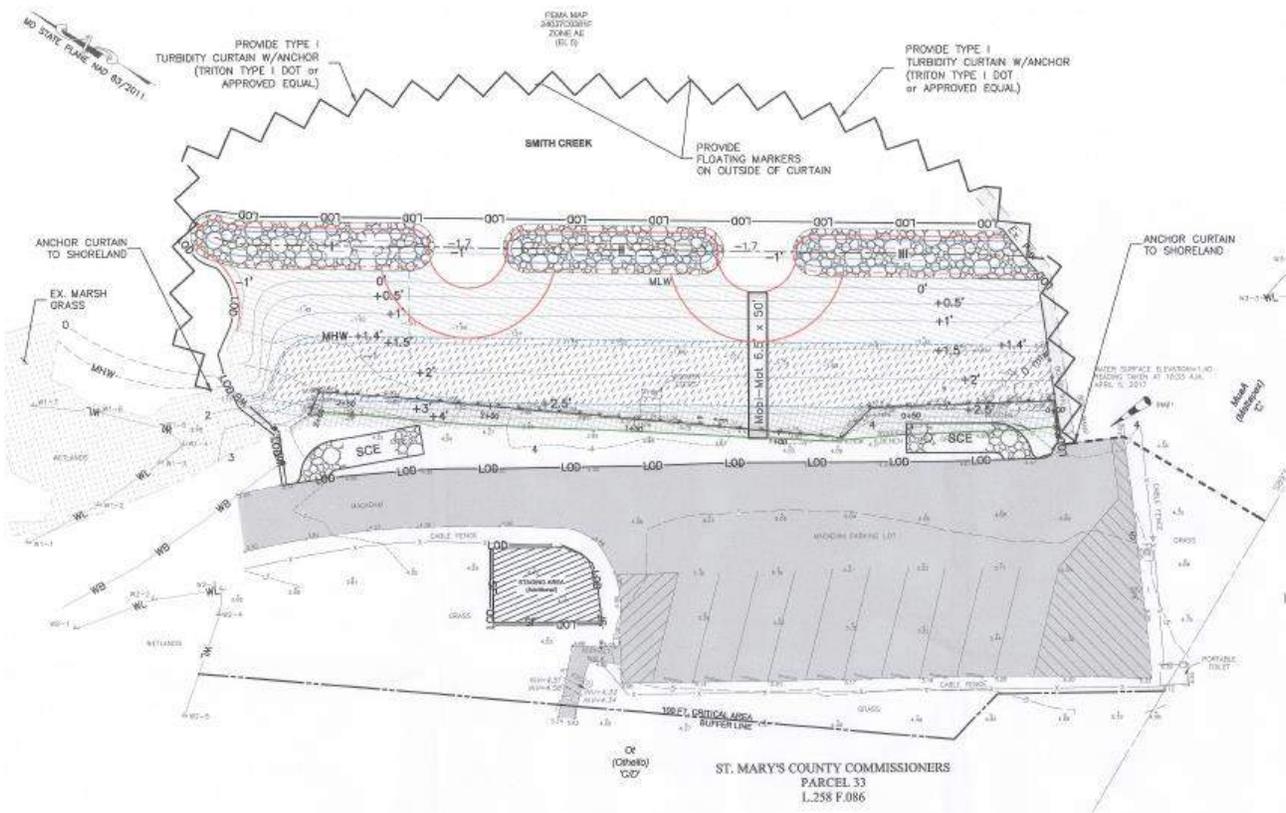
Gibson Road



Project Length = 615 ft

Equivalent impervious credit = 24.6 acres

St. Ingoes Landing





Project Length = 292 ft

Equivalent impervious credit = 11.68 acres

Appendix E

Alternative BMPs Summary

Table E.1. Alternative BMP Credit

BMP ID	Location	BMP Type	Installation Date	Equivalent Impervious Credit (ac.)
SM19BMP050863	Gibson Road	Living Shoreline	11/1/2014	24.60
SM19BMP050864	Holly Point Rd	Shoreline Management	7/8/2016	22.72
SM19BMP050865	Cedar Cove Villas on Waters Edge	Shoreline Management	11/16/2011	34.48
SM19BMP050866	Thomas Rd	Shoreline Management	10/1/2013	8.68
SM19BMP050867	Piney Point Lighthouse Shore Er.	Shoreline Management	12/31/2008	24.00
SM20BMP050954	St. Inigoes Landing	Shoreline Management	11/30/2019	11.68
SM19BMP050868	Arlington Drive	Outfall Stabilization	11/5/2015	0.20
SM19BMP050869	Starling Court	Outfall Stabilization	9/28/2010	0.25
SM19BMP050870	Philip Drive	Outfall Stabilization	8/21/2008	0.32
SM19BMP050871	Crescent Lane Outfall	Outfall Stabilization		2.00
SM19BMP050872	Yowaiski Mill Rd	Outfall Stabilization	2018	2.00
SM19BMP050873	Millseat Drive	Outfall Stabilization	2018	2.00
SM19BMP050874	Asher Road	Outfall Stabilization	7/9/2013	0.30
SM19BMP050875	Cox Drive	Outfall Stabilization	9/24/2015	0.75
SM19BMP050876	Southwell Court	Outfall Stabilization	10/24/2017	1.10
SM19BMP050877	Reed Court	Outfall Stabilization		2.00
SM19BMP050878	Adams Court	Outfall Stabilization		0.50
SM19BMP050879	Adams Court	Outfall Stabilization		0.70
SM19BMP050880	Forest Way	Outfall Stabilization	12/10/2009	0.26
SM19BMP050881	Belvoir Drive	Outfall Stabilization	7/27/2006	0.17
SM19BMP050882	Spruce Drive	Outfall Stabilization		0.40
SM19BMP050883	Elm Court	Outfall Stabilization	6/30/2014	0.65
SM19BMP050884	Daniels Rd	Outfall Stabilization	8/1/2006	0.40
SM19BMP050885	Navy Museum expansion project	Outfall Stabilization	6/28/2005	2.00
SM19BMP050886	Esperanza School Campus	Outfall Stabilization	10/7/2019	2.00
SM19BMP050887	Lettie Dent ES	Outfall Stabilization	7/1/2019	Failing
SM19BMP050888	Spring Ridge	Outfall Stabilization	10/7/2019	0.24
SM19BMP050889	Green Holly ES	Outfall Stabilization	10/7/2019	0.48
SM19BMP050890	Park Hall ES	Outfall Stabilization	10/7/2019	1.36
SM19BMP050891	Leonardtwn HS #2	Outfall Stabilization	7/1/2019	0.15
SM19BMP050892	Governmental Center Pond 2	Outfall Stabilization	7/1/2019	2.00
			Total =	148.39

Appendix F

Septic Systems Converted to BAT Systems

Table F.1. Septic Systems Converted to BAT Systems 2019-2020

Installation Year	BMP ID	Property Owner	Property Address	City	State	Zip	BATSystem	Built Year	Account ID
2019	SM20BMP050893	CHRIS DOROSZ	17672 ST. INIGOES ROAD	Saint Inigoes	MD	20684	Singlair Model TNT®	1979	1901020617
2020	SM20BMP050894	JEFFREY PHARIS	18101 HOLLY LANE	Saint Inigoes	MD	20684	Singlair Model TNT®	1987	1901035274
2020	SM20BMP050895	REGINALD CUFFEE	46725 WEST SAINT MARY'S ROAD	Draden	MD	20630	Singlair Model TNT®	2007	1902043017
2019	SM20BMP050896	DIANE O'BRIEN	42155 WHITE POINT ROAD	Leonardtown	MD	20650	Singlair Model TNT®	1927	1903009742
2019	SM20BMP050897	CARL STUTTS	43669 POTOMAC SHORE ROAD	Leonardtown	MD	20650	Singlair Model TNT®	1952	1902017806
2019	SM20BMP050898	CHERYL EAST	30125 DUDLEY DRIVE	Mechanicsville	MD	20659	Singlair Model TNT®	1977	1905003512
2020	SM20BMP050899	RAYMOND STEWART	25906 SOUTH SANDGATES ROAD	Mechanicsville	MD	20659	Singlair Model TNT®	1968	1906030971
2020	SM20BMP050900	JOHN BLAZER	41440 KNIGHT ROAD	Leonardtown	MD	20650	Singlair Model TNT®	1900	1903007227
2019	SM20BMP050901	CHARLENE CRAIG	36869 WOODBUSH ROAD	Bushwood	MD	20618	Singlair Model TNT®	1970	1907027222
2019	SM20BMP050902	CHRIS LONG	37294 RIVER SPRING ROAD	Avenue	MD	20609	Singlair Model TNT®	1947	1907031475
2019	SM20BMP050903	LESLIE WOOD	24197 NORTH PATUXENT BEACH ROAD	California	MD	20619	Singlair Model TNT®	1953	1908014965
2019	SM20BMP050904	ALAN DENNER	45909 EAST QUINCY TERRACE	Lexington Park	MD	20653	Singlair Model TNT®	1957	1908017352
2020	SM20BMP050905	SUNORA WILBAR	24131 NORTH PATUXENT BEACH ROAD	California	MD	20619	Singlair Model TNT®	1948	1908049661
2020	SM20BMP050906	WILLIAM HARDING	22880 GUNSTON DRIVE	Lexington Park	MD	20653	Singlair Model TNT®	1978	1908051186
2019	SM20BMP050907	BLAIN SUMMERS	47733 MY WAY	Saint Inigoes	MD	20684	Singlair Model TNT®	1986	1901005561
2019	SM20BMP050908	HOWARD GOFUS	18080 SHIPPING POINT ROAD	Lexington Park	MD	20683	Advantex AX20®	1968	1901008145
2020	SM20BMP050909	MICHELLE LEVY	15350 HOLLY DRIVE	Scotland	MD	20680	Advantex AX20®	1963	1901009834
2019	SM20BMP050910	JOHN LEVAY	47918 TRANQUILITY LANE	St Mary's City	MD	20686	Singlair Model TNT®	1956	1901013688
2019	SM20BMP050911	PEGGY BINZEL	14940 CHESAPEAKE BAY DRIVE	Scotland	MD	20687	Singlair Model TNT®	1996	1901016288
2019	SM20BMP050912	JAMES GREIS	17690 SAINT INIGOES ROAD	Saint Inigoes	MD	20684	Singlair Green®	1982	1901020633
2019	SM20BMP050913	FRANCES TITUS	49697 BAYNE ROAD	Ridge	MD	20680	Singlair Model TNT®	1965	1901023217
2019	SM20BMP050914	TIMOTHY BURNELL	49669 BAYNE ROAD	Ridge	MD	20680	Singlair Model TNT®	1961	1901025996
2019	SM20BMP050915	KIM REYNOLDS	18511 WOOD ROAD	Lexington Park	MD	20653	Singlair Model TNT®	1890	1901027158
2019	SM20BMP050916	ROBERT GROAT AND WILLIAM ARMIGER	48186 MULBERRY LANE	Saint Inigoes	MD	20684	Hoot BNR®	1968	1901035703
2019	SM20BMP050917	RICHARD TEACHOUT	44074 BLAKE CREEK ROAD	Leonardtown	MD	20650	Singlair Model TNT®	1933	1902000385
2020	SM20BMP050918	KELSEY GRIMES	45893 GUENTHER DRIVE	Great Mills	MD	20634	Singlair Model TNT®	1973	1902014963
2019	SM20BMP050919	TRACY BURRUSS	19070 RUSSELL ROAD	Valley Lee	MD	20692	Singlair Model TNT®	2007	1902018187
2020	SM20BMP050920	JEFF ERRINGTON	40315 DRURY LANE	Leonardtown	MD	20650	Singlair Model TNT®	1947	1903004600
2020	SM20BMP050921	MITCH BAUMAN	41048 CRYER COURT	Leonardtown	MD	20650	Singlair Model TNT®	2003	1903006166
2020	SM20BMP050922	KIRK WINDSOR	40835 SPRING HOUSE LANE	Leonardtown	MD	20650	Singlair Model TNT®	1978	1903030334
2019	SM20BMP050923	JOHN DENNIS	20250 WHITE POINT ROAD	Leonardtown	MD	20650	Singlair Model TNT®	1969	1903034607
2019	SM20BMP050924	PETER WAGNER	20110 POPLAR HILL CREEK LANE	Leonardtown	MD	20650	Singlair Model TNT®	1987	1903039641
2020	SM20BMP050925	KENNETH HODKIEWICZ	46014 ROLLING ROAD	Lexington Park	MD	20653	Singlair Model TNT®	1955	1908032114
2019	SM20BMP050926	SIDNEY WILKINSON	26995 MILL SEAT DRIVE	Mechanicsville	MD	20659	Hoot BNR®	1979	1904023412
2019	SM20BMP050927	JOSEPH BRIDGETT	27865 THOMPSON CORNER ROAD	Mechanicsville	MD	20659	Singlair Model TNT®	1969	1905002419
2020	SM20BMP050928	ELIZABETH ECKLEY	40327 DOCKSER DRIVE	Mechanicsville	MD	20659	Singlair Model TNT®	1961	1905002567
2019	SM20BMP050929	JUSTIN BUCKLER	29890 ROOFTOP CIRCLE	Mechanicsville	MD	20659	Singlair Model TNT®	1975	1905007712
2020	SM20BMP050930	MARY ANN BLANKENSHIP	45760 NANCY LANE	Great Mills	MD	20634	Singlair Model TNT®	1950	1908007845
2020	SM20BMP050931	KARLA LANGHUS	39647 OAKLEAF CIRCLE	Mechanicsville	MD	20659	FujiClean CEN	1989	1905012694
2020	SM20BMP050932	FREDERICK EVANS	24035 ANN LANE	California	MD	20619	Singlair Model TNT®	1977	1908028990
2019	SM20BMP050933	GERALD SCHAUER	29991 RONALD DRIVE	Mechanicsville	MD	20659	Singlair Model TNT®	1987	1905021545
2019	SM20BMP050934	DENNIS MCGURK	30016 RONALD DRIVE	Mechanicsville	MD	20659	Singlair Model TNT®	1979	1905025494
2019	SM20BMP050935	MICHAEL FOWLER	29951 RONALD DRIVE	Mechanicsville	MD	20659	Singlair Model TNT®	1959	1905025907
2019	SM20BMP050936	DEREK RIVERA	40147 DOCKSER DRIVE	Mechanicsville	MD	20659	Singlair Model TNT®	1963	1905026180
2020	SM20BMP050937	KANDAUR CAPITAL CORP	29686 SKYVIEW DRIVE	Mechanicsville	MD	20659	Singlair Model TNT®	1975	1905019850
2020	SM20BMP050938	WADE MOODY	29854 THERESE CIRCLE	Mechanicsville	MD	20659	Singlair Model TNT®	1985	1905037956
2020	SM20BMP050939	KARLA LANGHUS	28064 PASTOR COURT	Mechanicsville	MD	20659	FujiClean CEN	2002	1905049474
2020	SM20BMP050940	KIMBERLY KASPAR	25466 JOSEPH WAY	Hollywood	MD	20636	Singlair Model TNT®	1974	1906003060
2019	SM20BMP050941	MIKE HUSICK	25029 BRISCOE ROAD	Hollywood	MD	20636	Singlair Model TNT®	1959	1906007546
2020	SM20BMP050942	BLACKSTONE MARINA	24845 MARINA WAY	Hollywood	MD	20646	Singlair Model TNT®	2005	1906011969
2020	SM20BMP050943	DAVE MASON	45059 NOLAN COURT	Hollywood	MD	20636	Singlair Model TNT®	1967	1906015247
2020	SM20BMP050944	TRACEY MCKAY	24670 GREENVIEW DRIVE	Hollywood	MD	20636	Singlair Model TNT®	1987	1906023673
2020	SM20BMP050945	STEVEN SEDWICK	25020 BRISCOE THOMPSON WAY	Hollywood	MD	20636	Singlair Model TNT®	1978	1906037259
2019	SM20BMP050946	ANDY CATHER	38760 VAN WARD ROAD	Abell	MD	20606	Singlair Model TNT®	1968	1907001304
2020	SM20BMP050947	MIRIAM MOSTASFA	36932 PRATT ROAD	Bushwood	MD	20618	Singlair Model TNT®	1960	1907002920
2019	SM20BMP050948	KENNETH TENNYSON	20968 ABELL ROAD	Abell	MD	20606	Singlair Model TNT®	2012	1907018150
2019	SM20BMP050949	JAMES BURROUGHS	20870 BAYSWATER WAY	Abell	MD	20606	Singlair Model TNT®	1945	1907018762
2020	SM20BMP050950	FRANCIS COUNTISS	22694 UPLAND DRIVE	Bushwood	MD	20618	Singlair Model TNT®	1959	1907019734
2020	SM20BMP050951	SYLESTINE MORTON	36794 OWENS DRIVE	Chaptico	MD	20621	Singlair Model TNT®	1967	1907023707
2019	SM20BMP050952	JACQUELYN SOLA	20684 ABELL ROAD	Abell	MD	20606	Singlair Model TNT®	1930	1907027648
2019	SM20BMP050953	WILLIAM MATTINGLY	21388 ABELL ROAD	Abell	MD	20606	Singlair Model TNT®	1950	1907032870

Table F.2. Total Septic Systems Converted to BAT Systems

Installation Year	BMP ID	Property Owner	Property Address	City	State	Zip	BATSystem	Built Year	Account ID
2013	SM19BMP050100	John Zupancic	14011 Cornfield Harbor DR	Scotland	MD	20687	Advantex AX20®	1956	1901005502
2013	SM19BMP050101	Hattie Dunbar	14021 Cornfield Harbor DR	Scotland	MD	20687	Advantex AX20®	1956	1901007769
2013	SM19BMP050102	Judith Ann Smith	14025 Cornfield Harbor Dr	Scotland	MD	20687	Advantex AX20®	1956	1901021176
2013	SM19BMP050103	Wayne Croyle	14035 Cornfield Harbor DR	Scotland	MD	20687	Advantex AX20®	1958	1901015877
2009	SM19BMP050104	Steven Leopold and Grace Leopold	14265 Riverside Dr	Scotland	MD	20687	Singlair Model TNT®	2006	1901015427
2013	SM19BMP050105	Howard Rice	14524 E. Way DR	Scotland	MD	20687	holding tank	1964	1901010484
2013	SM19BMP050106	John Wilkinson	14654 Bay Front DR	Scotland	MD	20687	Singlair Model TNT®	1920	1901024620
2018	SM19BMP050107	JANET DONICK	14710 EISENHOWER WAY	Scotland	MD	20687	Singlair Model TNT®	2007	1901023136
2017	SM19BMP050108	GERALD HAMMES	14717 Eisenhower Way	Scotland	MD	20687	Singlair Model TNT®	1969	1901016725
2017	SM19BMP050109	Minh Tran	15070 Chesapeake Bay DR	Scotland	MD	20687	AdvantexRT®	1972	1901017195
2014	SM19BMP050110	Claude Mcnair	15085 Lake DR	Scotland	MD	20687	Singlair Model TNT®	1963	1901009303
2009	SM19BMP050111	Clyde Tennyson	15146 Tennyson LN	Scotland	MD	20687	Advantex AX20®	1987	1901023039
2010	SM19BMP050112	Lynn Rowland	15210 Lake Dr	Scotland	MD	20687	Hoot BNR®	1975	1901003410
2016	SM19BMP050113	Summerlee Beach LLC	15252 Lake Dr	Scotland	MD	20687	AdvantexRT®	1971	1901023330
2018	SM19BMP050114	KIRK WEBB	15330 POINT LOOKOUT RD	St. Inigoes	MD	20684	Singlair Model TNT®	1956	1901005065
2015	SM19BMP050115	Ann Barnes	15340 Holly Dr	Scotland	MD	20687	AdvantexRT®	1986	1901000713
2016	SM19BMP050116	Greg Edwards	15370 Holly DR	Scotland	MD	20687	AdvantexRT®	1963	1901008153
2015	SM19BMP050117	John Tolzman	15377 Holly DR	Scotland	MD	20687	AdvantexRT®	2005	1901010204
2013	SM19BMP050118	Priti Bhatnagar	15378 Holly DR	Scotland	MD	20687	Hoot BNR®	2009	1901014153
2012	SM19BMP050119	Mary Jo Gebhardt	15390 Holly Dr	Scotland	MD	20687	Singlair Model TNT®	2005	1901005480
2016	SM19BMP050120	Jeff Cafiero	16110 Murray RD	Ridge	MD	20680	Singlair Model TNT®	1965	1901007378
2018	SM19BMP050121	CAROL BRADBURN	16145 BRADBURN LN	Ridge	MD	20680	Singlair Model TNT®	1937	1901002600
2014	SM19BMP050122	T. Myron Lloyd	16260 Murray RD	Ridge	MD	20680	Singlair Model TNT®	1964	1901014080
2016	SM19BMP050123	BRANDON NORRIS	16486 VIEW CT	Ridge	MD	20680	AquaKlear	1968	1908163650
2011	SM19BMP050124	Mark McKay	16580 McKay RD	Dameron	MD	20628	Singlair Model TNT®	1949	1901014773
2017	SM19BMP050125	RITA MONTAGUE	16659 ST. JEROMES NECK RD	Dameron	MD	20628	Singlair Model TNT®	1990	1901010581
2010	SM19BMP050126	Tony Offut	16818 Three Notch RD	Dameron	MD	20628	Singlair Model TNT®	1965	1901036254
2016	SM19BMP050127	Greg Havens	16841 Bay Creek LN	Dameron	MD	20628	Singlair Model TNT®	1963	1901036300
2012	SM19BMP050128	Joseph McKay	17097 Jutland Dr	Saint Inigoes	MD	20684	Hoot BNR®	2000	1901007017
2013	SM19BMP050129	Harry Pratt	17166 Woodcroft Rd	Ridge	MD	20680	Singlair Model TNT®	2007	1901019848
2016	SM19BMP050130	Richard Lewis	17217 Cherryfield RD	Drayden	MD	20630	Singlair Model TNT®	1898	1902015021
2016	SM19BMP050131	Anna Hoyer	17278 Three Notch RD	Dameron	MD	20628	Singlair Model TNT®	1961	1901013076
2011	SM19BMP050132	Joe Bracken and Kelly Cooke	17361 Mt Zion Church Rd	Mechanicsville	MD	20659	Singlair Model TNT®	2001	1901011847
2019	SM19BMP050133	ZACK NIELSON	17371 CHERRYFIELD RD	Drayden	MD	20630	Drainfield	1992	1902010054
2018	SM19BMP050134	ZACK NIELSON	17371 CHERRYFIELD RD	Drayden	MD	20630	Singlair Model TNT®	1992	1902010054
2015	SM19BMP050135	Neal Covey	17618 St. Inigoes RD	St. Inigoes	MD	20684	Singlair Model TNT®	1996	1901036610
2013	SM19BMP050136	Edward Boswell	17665 St. Inigoes RD	St. Inigoes	MD	20684	Singlair Model TNT®	1976	1901022121
2015	SM19BMP050137	William Rosch	17680 Trapp RD	St. Inigoes	MD	20684	Advantex AX20®	1994	1901040162
2013	SM19BMP050138	Thomas Moulds	17695 St. Inigoes RD	St. Inigoes	MD	20684	Advantex AX20®	2010	1901020641
2012	SM19BMP050139	Pirly Gatton	17698 Lawrence St	St. Inigoes	MD	20684	Singlair Model TNT®	1974	1901007467
2017	SM19BMP050140	CLIFFTON HOLDING	17705 St. Jeromes Neck RD	Dameron	MD	20628	Singlair Model TNT®	1979	1901019899
2013	SM19BMP050141	Paul Eubank	17751 St. Ingoes RD	St. Inigoes	MD	20684	Singlair Model TNT®	1976	1901008315
2017	SM19BMP050142	MARY BERUBE	17972 Wide Bay Way	Dameron	MD	20628	Singlair Model TNT®	1950	1901002597
2012	SM19BMP050143	Paul Matthai and Catherine Ray	18016 Windmill Point Rd	Drayden	MD	20630	Hoot BNR®	1987	1902023199
2019	SM19BMP050144	JONATHAN JACKSON	18046 ROSECROFT RD	Lexington Park	MD	20653	Singlair Model TNT®	1976	1901007289
2015	SM19BMP050145	Barbara Bowman	18110 Bowles RD	Lexington Park	MD	20653	Singlair Model TNT®	1956	1901007920
2012	SM19BMP050146	Carlos and Victoria Falcon	18120 Shipping Point RD	Lexington Park	MD	20653	Hoot BNR®	1969	1901008293
2016	SM19BMP050147	Holly Snyder	18268 Park DR	St. Inigoes	MD	20684	Singlair Model TNT®	1967	1901004654
2015	SM19BMP050148	Irvin Dyson	18278 Cherryfield RD	Drayden	MD	20630	Singlair Model TNT®	1975	1902022125
2015	SM19BMP050149	Preston Dyson	18326 Cherryfield RD	Drayden	MD	20630	Singlair Model TNT®	1998	1902006650
2011	SM19BMP050150	J Frank Raley	18341 Rosecroft Rd	St Marys City	MD	20686	Singlair Model TNT®	1957	1901018051
2017	SM19BMP050151	LINDA EST OG GIBBS	18350 THREE NOTCH RD	Lexington Park	MD	20653	Singlair Model TNT®	1982	1901029215
2017	SM19BMP050152	WILLIAM RANDOLPH	18540 Wood RD	Lexington Park	MD	20653	Singlair Model TNT®	1980	1901026127
2014	SM19BMP050153	Diane Hopkins	18781 McKays Beach RD	Leonardtown	MD	20650	AdvantexRT®	1968	1902013274
2015	SM19BMP050154	Peter Cari	18785 McKays Beach RD	Leonardtown	MD	20650	AdvantexRT®	1957	1902017156
2012	SM19BMP050155	Ron Verbos	18792 McKays Beach Rd	Leonardtown	MD	20650	Advantex AX20®	1938	1902017296
2010	SM19BMP050156	Julius Owens and Katherine Owens	18819 Hodges LN	Leonardtown	MD	20650	Singlair Model TNT®	1964	1902014610
2013	SM19BMP050157	Mark Aldridge	18866 Hodges LN	Leonardtown	MD	20650	Singlair Model TNT®	1974	1908022577
2014	SM19BMP050158	Paul Damron	18867 Point Lookout RD	Lexington Park	MD	20653	holding tank	1948	1908034877
2019	SM19BMP050159	PAULA KEETON	18872 WINDY POINT LN	Leonardtown	MD	20650	Singlair Model TNT®	1989	1902034042
2012	SM19BMP050160	Joseph Russell	18877 Russell Rd	Valley Lee	MD	20692	Singlair Model TNT®	1980	1902005891
2016	SM19BMP050161	Larry Talley	18878 McKay's Beach Rd	Leonardtown	MD	20650	AdvantexRT®	1969	1902020327
2014	SM19BMP050162	Greg Vaughn	18892 Russell RD	Valley Lee	MD	20692	Singlair Model TNT®	1971	1902009102
2013	SM19BMP050163	Phyllis Hauge	18995 Hodges Ln	Leonardtown	MD	20650	Advantex AX20®	1973	1902000474
2011	SM19BMP050164	Anthony C. Coe	18999 Little Pond LN	Leonardtown	MD	20650	Hoot BNR®	2006	1902014041
2009	SM19BMP050165	Frederick X Guldi	19040 Blakeney Rd	Leonardtown	MD	20650	Singlair Model TNT®	1992	1902001950
2013	SM19BMP050166	Eric Hastings	19081 Glen Ellen AVE	Leonardtown	MD	20650	Singlair Model TNT®	1965	1902008033
2013	SM19BMP050167	David Anderson	19087 Poplar Hill LN	Valley Lee	MD	20692	Singlair Model TNT®	1976	1902000539
2019	SM19BMP050168	BLAINE SUMMERS	19260 PRISTINE WAY	Drayden	MD	20630	Singlair Model TNT®	2000	1902036991
2013	SM19BMP050169	Kyle Mathew	19296 King James Parkway	Lexington Park	MD	20653	Singlair Model TNT®	2003	1901043870
2014	SM19BMP050170	Edward Lawrence	19321 Gosnell RD	Leonardtown	MD	20650	Singlair Model TNT®	1965	1902012847
2013	SM19BMP050171	Judith Tinsley	19352 Gosnell DR	Valley Lee	MD	20692	Singlair Model TNT®	1964	1902014696
2013	SM19BMP050172	Donna Holden	19356 Gosnell RD	Leonardtown	MD	20650	Singlair Model TNT®	1968	1902014351
2009	SM19BMP050173	Elmer Holt	19377 Shakle LN	Lexington Park	MD	20653	Hoot BNR®	1947	1901009346
2015	SM19BMP050174	Mr Adam Werblow	19382 Shakle LN	Lexington Park	MD	20653	Singlair Model TNT®	1994	1901028367
2017	SM19BMP050175	Donnie BRIDGES	19405 Heron Cove LN	Drayden	MD	20630	Singlair Model TNT®	1977	1902012820
2015	SM19BMP050176	Jonathan Sola	19413 North Snow Hill RD	Lexington Park	MD	20653	Singlair Model TNT®	1961	1901023128
2012	SM19BMP050177	Fred Czarra	19431 North Snow Hill Manor Rd	Lexington Park	MD	20653	Singlair Model TNT®	1951	1901005847

2013	SM19BMP050178	Alvin Fenwick	19443 Flat Iron RD	Great Mills	MD	20634	Singlair Model TNT®	1974	1902007258
2010	SM19BMP050179	Margaret Stoffers and Joe Dunn	19497 N. Snow Hill Manor RD	Lexington Park	MD	20653	Singlair Model TNT®	1959	1901022342
2015	SM19BMP050180	Karl Honkala	19507 N Snow Hill Manor PL	Lexington Park	MD	20653	Singlair Model TNT®	1961	1901011219
2018	SM19BMP050181	BERNARD TAYLOR	19585 NORTH SNOW HILL MANOR RD	Lexington Park	MD	20653	Singlair Model TNT®	1965	1901011677
2017	SM19BMP050182	Heather Cullum	19853 Tower Hill RD	Leonardtown	MD	20650	Advantex AX20®	1979	1902008130
2015	SM19BMP050183	Mr James Tippett	19860 Drummer Farm LN	Valley Lee	MD	20692	Singlair Model TNT®	1958	1902020521
2014	SM19BMP050184	Chris Berry	19887 Piney Point RD	Callaway	MD	20620	Singlair Model TNT®	1974	1902002418
2013	SM19BMP050185	William Coll	19899 N. Snowhill Manor RD	Park Hall	MD	20667	Singlair Model TNT®	1956	1901019740
2013	SM19BMP050186	EDWARD SEIMASKO	20000 Tippett RD	Lexington Park	MD	20653	Singlair Model TNT®	1960	1901021486
2013	SM19BMP050187	Dallet Jenasco	20161 Dalonbay LN	Lexington Park	MD	20653	Singlair Model TNT®	1934	1901022733
2013	SM19BMP050188	Andrew Newman	20224 Spitfire CT	Lexington Park	MD	20653	Singlair Model TNT®	1991	1908094004
2008	SM19BMP050189	Robert Alcorn	20266 Breezy Point RD	Coltons Point	MD	20626	MicroFAST®	1939	1907022964
2009	SM19BMP050190	Mary C. Guidry	20276 Park PL	Coltons Point	MD	20626	Advantex AX20®	1950	1907006365
2013	SM19BMP050191	Christine Johnson	20288 Scriber LN	Lexington Park	MD	20653	Singlair Model TNT®	1983	1908066949
2009	SM19BMP050192	Terrance Ryan	20304 Colton Point RD	Coltons Point	MD	20626	MicroFAST®	1940	1907005563
2012	SM19BMP050193	Charles Downes	20305 Veras RD	Coltons Point	MD	20626	Singlair Model TNT®	1957	1907002289
2013	SM19BMP050194	George Tsirigotis	20320 Dave Bailey RD	Coltons Point	MD	20626	Singlair Model TNT®	1966	1907022123
2015	SM19BMP050195	Joseph Sotelo	20345 Poplar Ridge RD	Lexington Park	MD	20653	Advantex AX20®	1999	1908051984
2018	SM19BMP050196	CHARLES RIGG	20370 FLAT IRON RD	Great Mills	MD	20634	Singlair Model TNT®	1960	1902013886
2016	SM19BMP050197	Jannie Woods	20379 Bowles RD	Coltons Point	MD	20626	Singlair Model TNT®	1949	1907020910
2015	SM19BMP050198	Thomas Turlington	20416 Lake PL	Coltons Point	MD	20626	Singlair Model TNT®	1984	1907029683
2014	SM19BMP050199	Raymond Adkins	20490 Adkins RD	Great Mills	MD	20634	Singlair Model TNT®	1976	1908037450
2010	SM19BMP050200	Ed Bonifant	20525 Wellington CT	Avenue	MD	20609	Singlair Model TNT®	1961	1907029861
2009	SM19BMP050201	Linda Luffey	20530 Adkins RD	Lexington Park	MD	20653	Singlair Model TNT®	1970	1908028567
2009	SM19BMP050202	Linda Luffey	20535 Adkins RD	Lexington Park	MD	20653	Singlair Model TNT®	1970	1908028567
2016	SM19BMP050203	Harold Frazier	20535 Waterloo LN	Coltons Point	MD	20626	Singlair Model TNT®	1973	1907030266
2013	SM19BMP050204	Bruce Norris	20620 Leonard Norris LN	Coltons Point	MD	20626	Singlair Model TNT®	1984	1907033141
2011	SM19BMP050205	Joseph St. Clair	20625 Golden Thompson Rd	Avenue	MD	20609	Singlair Model TNT®	1942	1907028008
2010	SM19BMP050206	Shuckit's LLC	20628 Golden Thompson Rd	Avenue	MD	20609	Singlair Model TNT®	1863	1907028962
2014	SM19BMP050207	Tyler Radez	20639 Golden Thompson Rd	Avenue	MD	20609	Singlair Model TNT®	1945	1907006454
2013	SM19BMP050208	Bernadette Herbert	20658 Colton Point RD	Coltons Point	MD	20626	Singlair Model TNT®	1956	1907012861
2014	SM19BMP050209	Robert Burt	20685 Briarcliffe CT	Lexington Park	MD	20653	Singlair Model TNT®	1998	1908124280
2014	SM19BMP050210	Kayleen Edwards	20718 Clarence Gass RD	Avenue	MD	20609	Singlair Model TNT®	1930	1907033095
2014	SM19BMP050211	Matt Hancock	20730 Golden Thompson RD	Avenue	MD	20609	Singlair Model TNT®	1941	1907011954
2009	SM19BMP050212	Fred Millhiser	20835 Olen Mattingly Rd	Avenue	MD	20609	Hoot BNR®	1942	1907029381
2013	SM19BMP050213	Rebekah Sours	20840 Penansey LN	Leonardtown	MD	20650	Advantex AX20®	2001	1903056198
2016	SM19BMP050214	Matthew Lamb	20870 Deerwood Park	Leonardtown	MD	20650	AdvantexRT®	1997	1902033399
2019	SM19BMP050215	Kevin Klein	20883 Willows Rd	Lexington Park	MD	20653	Public Sewer Hook Up	1964	1908018227
2009	SM19BMP050216	Theodore Newkirk	20901 Hermanville RD	Lexington Park	MD	20653	Advantex AX20®	1968	1908034524
2018	SM19BMP050217	JESSICA TOMCSIK	20960 OLEN MATTINGLY RD	Avenue	MD	20609	Singlair Model TNT®	2005	1907019424
2016	SM19BMP050218	Victoria Hall	20974 OLEN MATTINGLY RD	Avenue	MD	20609	Singlair Model TNT®	2011	1907000618
2015	SM19BMP050219	Craig Buiat	20988 Aster Dr	Callaway	MD	20620	Advantex AX20®	1995	1902032945
2014	SM19BMP050220	Alice Thomas	20995 Thomas Carter RD	Avenue	MD	20609	Advantex AX20®	1966	1907028733
2014	SM19BMP050221	Debra McCurdy and Mike McCurdy	21075 Breton Beach CT	Leonardtown	MD	20650	Advantex AX20®	2006	1903039900
2015	SM19BMP050222	John Greer	21200 Oakley RD	Avenue	MD	20609	holding tank	1964	1907029853
2017	SM19BMP050223	WILLIAM BAILEY	21270 GEORGES LN	Avenue	MD	20609	Singlair Model TNT®	1947	1907023731
2014	SM19BMP050224	Charles Evans	21280 Little St. Anne's LN	Leonardtown	MD	20650	Singlair Model TNT®	2003	1903066282
2011	SM19BMP050225	Edgar Priest	21365 Canoe Neck Way	Abell	MD	20606	Singlair Model TNT®	1900	1907039530
2011	SM19BMP050226	Charles Mattingly	21420 Abell RD	Abell	MD	20606	Singlair Model TNT®	1987	1907019548
2019	SM19BMP050227	CHARLES MATTINGLY	21420 ABELL RD	Avenue	MD	20609	Singlair Model TNT®	1987	1907019548
2011	SM19BMP050228	Richard McKee	21425 Montfort Rd	Bushwood	MD	20618	Singlair Model TNT®	1956	1907022425
2019	SM19BMP050229	Al Raley	21500 Dennis RD	Avenue	MD	20609	Singlair Model TNT®	2012	1907177944
2012	SM19BMP050230	Judith O'Brien	21543 Port View CIR	Leonardtown	MD	20650	Singlair Model TNT®	1982	1903029573
2014	SM19BMP050231	James Clifton	21581 Montfort Rd	Bushwood	MD	20618	Singlair Model TNT®	2000	1907020600
2013	SM19BMP050232	Rose Beitzel	21595 Gerards Cove RD	Abell	MD	20606	Singlair Model TNT®	1957	1907001851
2019	SM19BMP050233	TROY WILLIAMS	21611 ABELL RD	Avenue	MD	20609	Singlair Model TNT®	1959	1907004214
2014	SM19BMP050234	Mark Polca	21635 Swan Creek LN	Leonardtown	MD	20650	Singlair Model TNT®	2006	1903047059
2014	SM19BMP050235	Bruce Theden	21681 Harrison ST	Great Mills	MD	20634	AdvantexRT®	1996	1908108617
2013	SM19BMP050236	Sam Brown	21682 Cryer RD	Avenue	MD	20609	Singlair Model TNT®	1988	1908089493
2013	SM19BMP050237	Lorraine Broome	21690 Cryer RD	Avenue	MD	20609	Singlair Model TNT®	1979	1907034989
2013	SM19BMP050238	Albert Flury	21711 Paw Paw Point Way	Leonardtown	MD	20650	Singlair Model TNT®	1983	1903178686
2010	SM19BMP050239	Anita Baxter	21734 Meadow CT	Leonardtown	MD	20650	Singlair Model TNT®	1965	1903016501
2014	SM19BMP050240	Thomas Gebicke	21739 Cryer RD	Avenue	MD	20609	AdvantexRT®	2001	1907006225
2011	SM19BMP050241	James McWilliams	21745 Beitzell Rd	Bushwood	MD	20618	Singlair Model TNT®	1977	1907020023
2018	SM19BMP050242	Deborah Osvatics	21777 Potomac View DR	Leonardtown	MD	20650	Advantex AX20®	2005	1903030245
2009	SM19BMP050243	Mary Ida Roplape	21780 Beitzell Rd	Bushwood	MD	20618	Advantex AX20®	1989	1907034679
2012	SM19BMP050244	Leslie Taylor	21796 Rosebank RD	Leonardtown	MD	20650	Singlair Model TNT®	1956	1903007707
2011	SM19BMP050245	Stuart Sibel	21799 Cove Ln	Leonardtown	MD	20650	Singlair Model TNT®	1961	1903018555
2009	SM19BMP050246	Charles Beitzell	21844 Beitzell Rd	Bushwood	MD	20618	Advantex AX20®	1986	1907032633
2014	SM19BMP050247	Jennifer Russell	21953 Oscar Hayden RD	Bushwood	MD	20618	Advantex AX20®	1930	1907033591
2016	SM19BMP050248	Milton Rose	21995 Beitzell Rd	Bushwood	MD	20618	Singlair Model TNT®	1930	1907025823
2011	SM19BMP050249	David and Mildred Quade	22049 Oscar Hayden Rd	Bushwood	MD	20618	Singlair Model TNT®	1983	1907033826
2008	SM19BMP050250	Pete Ulrich and Amy Ulrich	22150 Miller CT	Leonardtown	MD	20650	Hoot BNR®	1960	1903018229
2013	SM19BMP050251	Randall Richie	22291 Hanover House LN	Leonardtown	MD	20650	Singlair Model TNT®	1955	1903008231
2016	SM19BMP050252	Richard McCoy	22326 White Oak RD	Leonardtown	MD	20650	Singlair Model TNT®	1979	1903023028
2016	SM19BMP050253	Betty Young	22328 Sandra LN	California	MD	20619	Singlair Model TNT®	1973	1903019683
2009	SM19BMP050254	Thomas Shields and Roberta Shields	22343 Enoch Rd	Leonardtown	MD	20650	Singlair Model TNT®	1983	1903033775
2012	SM19BMP050255	Louise Smith	22364 White Oak Rd	Leonardtown	MD	20650	Singlair Model TNT®	1978	1903023036
2016	SM19BMP050256	Joseph Stone	22408 Sandra LN	California	MD	20619	AdvantexRT®	1972	1903004279
2015	SM19BMP050257	Ryan Sapp	22475 No Name Ln	Leonardtown	MD	20650	Singlair Model TNT®	2010	1908153353
2014	SM19BMP050258	James Moore	22540 Mill Creek Dr	Bushwood	MD	20618	Singlair Model TNT®	1969	1907020759

2015	SM19BMP050259	Wayne Taybor	22593 Three Notch RD	California	MD	20619	Singlair Model TNT®	1950	1908021015
2016	SM19BMP050260	M. Chesidine	22595 Three Notch RD	California	MD	20619	Singlair Model TNT®	1974	1908060207
2007	SM19BMP050261	Barbara A. Lewis and James E. Lewis	22626 Mill Creek DR	Chaptico	MD	20621	Bionest SOLO OT-40	1959	1907016867
2019	SM19BMP050262	Anthony Allen	22631 Mill Creek DR	Bushwood	MD	20618	holding tank	1972	1907002068
2013	SM19BMP050263	Carl Franzen	22680 Parkview DR	California	MD	20619	Singlair Model TNT®	1967	1908019010
2018	SM19BMP050264	ROBERT WILT	22690 BENSWOOD RD	California	MD	20619	Singlair Model TNT®	2008	1903014746
2014	SM19BMP050265	Lawrence Jointer	22714 Upland DR	Bushwood	MD	20618	Singlair Model TNT®	1962	1907019882
2016	SM19BMP050266	SAIDA MAJID	22736 Mill Creek DR	Bushwood	MD	20618	Singlair Model TNT®	1970	1907000499
2012	SM19BMP050267	Theresa Nowlin	22777 Mill Creek Dr	Bushwood	MD	20618	Singlair Model TNT®	1971	1907021771
2012	SM19BMP050268	Pamela Smith	22785 Pleasant Ln	Chaptico	MD	20621	Advantex AX20®	1960	1907014198
2014	SM19BMP050269	Adam Miedzinski	22795 Colton Point RD	Bushwood	MD	20618	Singlair Model TNT®	2013	1907001126
2009	SM19BMP050270	John Olson	22820 Gunston DR	Lexington Park	MD	20653	Advantex AX20®	1971	1908031800
2013	SM19BMP050271	William Free	22840 Grampton LN	Clements	MD	20624	Advantex AX20®	1979	1907022913
2017	SM19BMP050272	JEANNE DAVIS	22919 PINEY WOOD CIR	California	MD	20619	Singlair Model TNT®	1979	1908052239
2017	SM19BMP050273	CHRIS ROYS	23001 Gunston DR	Lexington Park	MD	20653	Singlair Model TNT®	1966	1908008906
2019	SM19BMP050274	CHERI YOUNG	23016 MEADOW RD	Bushwood	MD	20618	Drainfield	2013	1907025688
2019	SM19BMP050275	CHERI YOUNG	23016 MEADOW RD	Bushwood	MD	20618	Singlair Model TNT®	2013	1907025688
2018	SM19BMP050276	MEHREZ SEBAA	23133 ESPERANZA DR	Lexington Park	MD	20653	Singlair Model TNT®	1968	1908023506
2014	SM19BMP050277	Nicholas Vanecko	23169 Esperanza Dr	Lexington Park	MD	20653	Singlair Model TNT®	1967	1908045402
2017	SM19BMP050278	LARRY ANDERSON	23191 Point Lookout RD	Leonardtown	MD	20650	Singlair Model TNT®	1991	1903034186
2015	SM19BMP050279	Joshua Pasik	23308 Town Creek	Lexington Park	MD	20653	Singlair Model TNT®	1959	1908007934
2012	SM19BMP050280	Donald Zwick and Katherine Zwick	23319 Patuxent View Rd	Lexington Park	MD	20653	Singlair Model TNT®	2004	1908041636
2015	SM19BMP050281	Ernest C Williams Sr.	23325 Ernest Williams LN	Avenue	MD	20609	Singlair Model TNT®	1970	1907030924
2018	SM19BMP050282	William Lang	23334 ESPERANZA DR	Lexington Park	MD	20653	Singlair Model TNT®	1975	1908044880
2009	SM19BMP050283	Mary Bailey	23335 Maypole Rd	Leonardtown	MD	20650	Singlair Model TNT®	1969	1903056058
2012	SM19BMP050284	Stephen Dudley	23350 Town Creek Dr	Lexington Park	MD	20653	Advantex AX20®	1956	1908016976
2017	SM19BMP050285	EMILY STONEHAM	23355 Rolling CT	Lexington Park	MD	20653	Singlair Model TNT®	1977	19080212024
2011	SM19BMP050286	Daniel Watters	23383 Esperanza CIR	Lexington Park	MD	20653	Singlair Model TNT®	1971	1908048886
2017	SM19BMP050287	CHARLES STEIN	23460 RIVER HILL CT	Lexington Park	MD	20653	Singlair Model TNT®	1975	1908027102
2010	SM19BMP050288	Curtis Fitzgerald	23475 River Rd	Lexington Park	MD	20653	Advantex AX20®	1973	1908049572
2012	SM19BMP050289	John Martin	23485 River RD	Lexington Park	MD	20653	Singlair Model TNT®	1977	1908001782
2013	SM19BMP050290	Robert and Gayla Erickson	23500 & 23502 South Patuxent Beach RD	California	MD	20619	Singlair Model TNT®	1970	1908029679
2013	SM19BMP050291	Robert and Gayla Erickson	23504 & 23506 South Patuxent Beach RD	California	MD	20619	Singlair Model TNT®	1970	1908029679
2013	SM19BMP050292	Robert and Gayla Erickson	23508 & 23510 South Patuxent Beach RD	California	MD	20619	Singlair Model TNT®	1970	1908029679
2013	SM19BMP050293	Paul Wilkinson	23542 Myrtle Point RD	California	MD	20619	Advantex AX20®	1964	1908028141
2013	SM19BMP050294	Daniel Cochran	23552 Gross DR	California	MD	20619	Hoot BNR®	1973	1908027706
2015	SM19BMP050295	Mary Kraese	23560 Gross DR	California	MD	20619	Singlair Model TNT®	1974	1908042438
2008	SM19BMP050296	Jamie Salerno	23600 Gross DR	California	MD	20619	MicroFAST®	1977	1908021104
2018	SM19BMP050297	MARY RUBLE	23618 KINGSTON CREEK RD	California	MD	20619	Singlair Model TNT®	1967	1908040745
2011	SM19BMP050298	David Crawford	23630 Town Creek DR	Lexington Park	MD	20653	Singlair Model TNT®	1956	1908014752
2014	SM19BMP050299	David Crawford	23630 Town Creek DR	Lexington Park	MD	20653	Singlair Model TNT®	1956	1908014752
2017	SM19BMP050300	Eleanor Moland	23652 KINGSTON CREEK RD	California	MD	20619	Singlair Model TNT®	1967	1908042403
2014	SM19BMP050301	Delores Latham	23700 Bill Dixon RD	California	MD	20619	Advantex AX20®	1982	1908028044
2014	SM19BMP050302	Amanda McHugh	23708 West Patuxent Beach RD	California	MD	20619	Advantex AX20®	1965	1908042306
2017	SM19BMP050303	Ed Pavelka	23713 West Patuxent Beach RD Guest	California	MD	20619	AdvantexRT®	1948	1908074852
2017	SM19BMP050304	Ed Pavelka	23713 West Patuxent Beach RD- Main	California	MD	20619	Advantex AX20®	1948	1908023972
2017	SM19BMP050305	BENJAMIN WAGER	23714 KINGSTON CREEK RD	California	MD	20619	Singlair Model TNT®	1960	1908032270
2011	SM19BMP050306	Reene Thomas	23740 Hicks DR	Leonardtown	MD	20650	Singlair Model TNT®	1982	1903028623
2009	SM19BMP050307	DN Nguyen Sr.	23756 Saint Clair RD	California	MD	20619	Hoot BNR®	2006	1908010455
2015	SM19BMP050308	Bruce Hildreth	23775 Kingston Village RD	California	MD	20619	Singlair Model TNT®	2006	1902043858
2019	SM19BMP050309	LEELAND LLC	23785 ST. CLAIR RD	California	MD	20619	Singlair Model TNT®	1959	1908044953
2018	SM19BMP050310	ALMA EWELL	23850 EWELL LN	Hollywood	MD	20636	Singlair Model TNT®	1977	1906010164
2015	SM19BMP050311	Don Klika	23864 Old Chaptico Wharf RD	Chaptico	MD	20621	Singlair Model TNT®	1956	1904009126
2013	SM19BMP050312	William Guy	23876 Colton Point RD	Coltons Point	MD	20626	Singlair Model TNT®	1932	1907011377
2015	SM19BMP050313	Robert Willey	23919 Mill Cove RD	California	MD	20619	Advantex AX20®	1952	1908049742
2011	SM19BMP050314	Robert Lowmiller	23958 Iris Dr	California	MD	20619	Singlair Model TNT®	1975	1908042063
2009	SM19BMP050315	Brian Garcia	23965 Point Lookout Rd	Leonardtown	MD	20650	MicroFAST®	1957	1903028739
2015	SM19BMP050316	DAVID GUY	23985 Brick House Farm LN	Hollywood	MD	20636	Singlair Model TNT®	2007	1903075303
2016	SM19BMP050317	Donna Sheridan & amp Linda Kromer	23991 North Patuxent Beach RD	California	MD	20619	Advantex AX20®	1935	1908010528
2014	SM19BMP050318	Kathleen Darnall	24009 North Patuxent Beach RD	California	MD	20619	Advantex AX20®	1980	1908027404
2010	SM19BMP050319	Robert Case	24022 N Patuxent Beach Rd	California	MD	20619	Advantex AX20®	1935	1908050384
2014	SM19BMP050320	David Parker and Tammy Parker	24038 North Patuxent Beach RD	California	MD	20619	Singlair Model TNT®	1945	1908035067
2012	SM19BMP050321	Wallace Sears	24074 North patuxent Rd	California	MD	20619	Singlair Model TNT®	1945	1908018472
2014	SM19BMP050322	ROBERT BUCKLER	24079 Budds Creek Rd	Clements	MD	20624	Singlair Model TNT®	1920	1907000901
2015	SM19BMP050323	Ramon Granados	24087 North Patuxent Beach RD	California	MD	20619	Singlair Model TNT®	1938	1908013527
2009	SM19BMP050324	Robert F. Sass	24105 Ann Ln	California	MD	20619	Hoot BNR®	1985	1908029008
2015	SM19BMP050325	John Wathen	24140 John Cameron Way	Hollywood	MD	20636	Singlair Model TNT®	2007	1906050913
2010	SM19BMP050326	Stephen Hall	24180 N. Patuxent Beach RD	California	MD	20619	Singlair Model TNT®	1967	1908021252
2014	SM19BMP050327	Annie Baker	24190 Horse Shoe RD	Clements	MD	20624	Singlair Model TNT®	1979	1904000439
2018	SM19BMP050328	B SUNDERMANN	24219 NORTH PATUXENT BEACH RD	California	MD	20619	Singlair Model TNT®	1948	1908021643
2013	SM19BMP050329	Hilliard Speller	24227 Thistle PL	Chaptico	MD	20621	Singlair Model TNT®	1958	1904000757
2014	SM19BMP050330	John Tatum	24235 River RD	Chaptico	MD	20621	Singlair Model TNT®	1960	1904007484

2011	SM19BMP050331	James Letcher and Paula Letcher	24239 N. Patuxent Beach RD	California	MD	20619	Hoot BNR®	1957	1908029245
2013	SM19BMP050332	John DeMarr and Kathy DeMarr	24270 McGlue RD	Chaptico	MD	20621	Singulair Model TNT®	1957	1904008820
2017	SM19BMP050333	Kathleen Grote	24295 North Patuxent Beach RD	California	MD	20619	AdvantexRT®	1959	1908040346
2013	SM19BMP050334	Vivian Herbert	24304 River DR	Chaptico	MD	20621	Singulair Model TNT®	1974	1904003608
2012	SM19BMP050335	Roy Mills	24307 River Dr	Chaptico	MD	20621	Singulair Model TNT®	1975	1904008162
2011	SM19BMP050336	Michele Gittings	24313 Hunt Ct	Hollywood	MD	20636	Singulair Model TNT®	1985	1906029116
2015	SM19BMP050337	Sarah Ward	24319 River DR	Chaptico	MD	20621	Singulair Model TNT®	1942	1904006984
2013	SM19BMP050338	Marvin Parker	24327 Longview RD	Chaptico	MD	20621	Singulair Model TNT®	1960	1904003942
2008	SM19BMP050339	Floyd M. Robinson and Frances Robinson	24335 Longview RD	Chaptico	MD	20621	Hoot BNR®	1966	1904016939
2016	SM19BMP050340	Peter and Karen Higginbotham	24335 River DR	Chaptico	MD	20621	AdvantexRT®	1959	1904012534
2015	SM19BMP050341	Lorrie Spadaro	24336 Half Pone Point RD	Hollywood	MD	20636	Singulair Model TNT®	1963	1906017681
2013	SM19BMP050342	Mary Pitts	24338 Longview RD	Chaptico	MD	20621	Singulair Model TNT®	1969	1904008669
2014	SM19BMP050343	Jack Wiley	24343 Half Pone Point Rd	Hollywood	MD	20636	Advantex AX20®	1960	1906011748
2016	SM19BMP050344	Alvin and Marilyn Goins	24349 River DR	Chaptico	MD	20621	Advantex AX20®	1966	1904015916
2009	SM19BMP050345	Delores and Stanley Snowden	24357 Longview RD	Chaptico	MD	20621	MicroFAST®	1972	1904017374
2019	SM19BMP050346	GAIL SUTTON	24358 COLTON POINT RD	Clements	MD	20624	Singulair Model TNT®	2000	1903024989
2016	SM19BMP050347	Frank Bell	24365 Beck RD	Hollywood	MD	20636	Singulair Model TNT®	1973	1906002463
2010	SM19BMP050348	Gladys Price	24382 MacArthur Blvd	Great Mills	MD	20634	Singulair Model TNT®	1971	1904012666
2013	SM19BMP050349	James Dews	24399 MacArthur DR	Chaptico	MD	20621	Singulair Model TNT®	1956	1904008529
2013	SM19BMP050350	Francis Garner	24480 Mount Pleasant RD	Hollywood	MD	20636	Singulair Model TNT®	1958	1906011209
2017	SM19BMP050351	JOE JOSEPH	24510 Half Pone Point RD	Hollywood	MD	20636	Singulair Model TNT®	1951	1906003133
2015	SM19BMP050352	Warren Farr	24524 Pin Cushion DR	Leonardtown	MD	20650	Singulair Model TNT®	2014	1903074730
2017	SM19BMP050353	Jeff SAGER	24555 Cotswold DR	Hollywood	MD	20636	Singulair Model TNT®	1975	1906034179
2016	SM19BMP050354	Mike Sweeney	24573 Little Creek LN	Hollywood	MD	20636	Singulair Model TNT®	1969	1906002285
2016	SM19BMP050355	DAVID EDWARDS	24575 Mount Pleasant RD	Hollywood	MD	20636	Singulair Model TNT®	1945	1906017533
2015	SM19BMP050356	Joseph Germaine	24576 Greenview DR	Hollywood	MD	20636	Hoot BNR®	1969	1906011632
2013	SM19BMP050357	Robert Tennyson	24588 FWD DR	Hollywood	MD	20636	Singulair Model TNT®	1991	1906052991
2015	SM19BMP050358	Robert Rotzinger	24610 Morgan RD	Hollywood	MD	20636	Singulair Model TNT®	1971	1906028187
2016	SM19BMP050359	DAVID J. HEBB	24615 Greenview DR	Hollywood	MD	20636	Singulair Model TNT®	1977	1906002919
2017	SM19BMP050360	JOHN WALSH	24621 Blackistone RD	Hollywood	MD	20636	Singulair Model TNT®	1976	1906018513
2012	SM19BMP050361	Marco Paz	24634 Greenview Dr	Hollywood	MD	20636	Singulair Model TNT®	1967	1906027563
2012	SM19BMP050362	Spurgeon Terry	24644 Tippet Ln	Hollywood	MD	20636	Hoot BNR®	1900	1906031781
2019	SM19BMP050363	Joanne Buzzell	24665 Hollywood RD	Hollywood	MD	20636	Drainfield	1965	1906020224
2019	SM19BMP050364	Joanne Buzzell	24665 Hollywood RD	Hollywood	MD	20636	Singulair Model TNT®	1965	1906020224
2015	SM19BMP050365	Rodger Ridgell	24672 Blackistone RD	Hollywood	MD	20636	Singulair Model TNT®	1948	1906038336
2009	SM19BMP050366	Joseph Brown	24675 Blackistone RD	Hollywood	MD	20636	Singulair Model TNT®	1969	1906008895
2015	SM19BMP050367	Lillian Mills	24680 Paradise LN	Hollywood	MD	20636	Singulair Model TNT®	1942	1906013775
2009	SM19BMP050368	Elizabeth and Noel Russnogle	24720 E. Montiego RD	Hollywood	MD	20636	Advantex AX20®	1974	1906009859
2012	SM19BMP050369	James Lamar	24738 Blackistone Rd	Hollywood	MD	20636	Singulair Model TNT®	1945	1906039650
2011	SM19BMP050370	Christopher Chippa	24777 Blackistone Rd	Hollywood	MD	20636	Singulair Model TNT®	1968	1906028608
2010	SM19BMP050371	Leslie Gould	24805 Marina Way	Hollywood	MD	20636	Singulair Model TNT®	2005	1906011969
2014	SM19BMP050372	Wendy and David Drys	24810 Half Pone Point RD	Hollywood	MD	20636	Hoot BNR®	2007	1906030769
2011	SM19BMP050373	Floyd Warren	24830 Half Pone Point Rd	Hollywood	MD	20636	Singulair Model TNT®	1974	1906013929
2016	SM19BMP050374	Dawn Cooper	24841 Maddox RD	Chaptico	MD	20621	Advantex AX20®	1961	1904052161
2016	SM19BMP050375	Dale Ferguson	24865 Greenview DR	Hollywood	MD	20636	Singulair Model TNT®	1969	1906030777
2011	SM19BMP050376	Barbara L. Marino and Anthony R Marino	24876 Ivy Ln.	Hollywood	MD	20636	Singulair Model TNT®	1980	1906035108
2012	SM19BMP050377	William Daniels	24918 Gold Finch Ln	Hollywood	MD	20636	Singulair Model TNT®	1932	1906007716
2016	SM19BMP050378	Wayne Beham and Stacey V. Bowles	25015 Bowles Farm RD	Hollywood	MD	20636	Singulair Model TNT®	2015	1906178985
2010	SM19BMP050379	Shirley Skirkanich	25043 Old Brick Way	Hollywood	MD	20636	Singulair Model TNT®	1966	1906021263
2016	SM19BMP050380	Charles Bryson	25115 Nolan RD	Hollywood	MD	20636	Singulair Green®	1936	1906180177
2016	SM19BMP050381	Charles Bryson	25115 Nolan RD	Hollywood	MD	20636	Singulair Model TNT®	1936	1906180177
2016	SM19BMP050382	CHARLES BRYSON	25119 NOLAN RD	Hollywood	MD	20636	Singulair Green®	1939	1906180178
2016	SM19BMP050383	Charles BRYSON	25123 Nolan RD	Hollywood	MD	20636	Singulair Model TNT®	1947	1906023029
2013	SM19BMP050384	Lawrence Milan	25136 Lindner LN	Hollywood	MD	20636	Singulair Model TNT®	2005	1908144753
2011	SM19BMP050385	Glenn Saltsman and Kay Saltsman	25185 Nolan Rd	Hollywood	MD	20636	Singulair Model TNT®	1975	1906005233
2017	SM19BMP050386	CHARLES ROSE	25198 THREE NOTCH RD	Hollywood	MD	20636	Singulair Model TNT®	1952	1906007139
2015	SM19BMP050387	Robert De Vos	25286 Grande Vue LN	Hollywood	MD	20636	Singulair Model TNT®	1974	1906007597
2009	SM19BMP050388	Ann Jenkins	25315 Allston LN	Hollywood	MD	20636	RetroFAST®	1979	1906001122
2010	SM19BMP050389	Maryland Department of Natural Resources	25410 Rosedale Manor LN	Hollywood	MD	20636	SeptiTech®	1940	1906017703
2012	SM19BMP050390	DNR Greenwell Office and DNR Greenwell Comfort Station and DNR Greenwell Francis Knott Lodge and DNR Greenwell Horse Barn	25420 Rosedale Manor LN	Hollywood	MD	20636	AdvantexRT®	1940	1906017703
2010	SM19BMP050391	Maryland Department of Natural Resources	25430 Rosedale Manor Ln	Hollywood	MD	20636	Singulair Model TNT®	1940	1906017703
2013	SM19BMP050392	Wayne Bran	25437 McIntosh RD	Hollywood	MD	20636	Singulair Model TNT®	1980	1906050433
2015	SM19BMP050393	Mary Louise Tippet	25481 Mary Kay Way	Hollywood	MD	20636	Singulair Model TNT®	1975	1906032567
2014	SM19BMP050394	Valerie Dearstine	25506 Three Notch Rd	Hollywood	MD	20636	Singulair Model TNT®	1987	1906049052

2018	SM19BMP050395	JAMES WOODS	25738 SOUTHWELL LN	Hollywood	MD	20636	Singlair Model TNT®	1987	1906031137
2009	SM19BMP050396	Kenneth G. Morris	25759 Whiskey Creek Rd	Hollywood	MD	20636	Hoot BNR®	1991	1906038581
2019	SM19BMP050397	CARRIE BOBERG	25777 WHISKEY CREEK RD	Hollywood	MD	20636	Singlair Model TNT®	1986	1906038611
2009	SM19BMP050398	Deborah M. Kole	25822 Whiskey Creek Rd	Hollywood	MD	20636	Hoot BNR®	1983	1906038778
2014	SM19BMP050399	Mark Wilson	25895 Whiskey Creek RD	Hollywood	MD	20636	AdvantexRT®	2000	1906047335
2014	SM19BMP050400	Richard Noonan	25911 Whiskey Creek RD	Hollywood	MD	20636	Advantex AX20®	1989	1903044483
2015	SM19BMP050401	christina stone	25975 Murphy LN	MECHANICSVILLE	MD	20659	Singlair Model TNT®	1966	1905007801
2016	SM19BMP050402	James Moran	26080 South Sandgates RD	Mechanicsville	MD	20659	Singlair Model TNT®	1955	1906025137
2013	SM19BMP050403	Duane Edgcomb	26281 Skyview DR	Hollywood	MD	20636	Singlair Model TNT®	1964	1906003966
2014	SM19BMP050404	Joseph Breese	26302 Bugbee LN	Hollywood	MD	20636	Advantex AX20®	2011	1906048889
2015	SM19BMP050405	Faith Bible Church of Oakville Inc.	26325 Three Notch RD	Mechanicsville	MD	20659	SeptiTech®	1992	1906050166
2018	SM19BMP050406	JOAN AULDRIDGE	26338 CHERRY LN	Hollywood	MD	20636	Singlair Model TNT®	1950	1906007341
2013	SM19BMP050407	Michael Pfeiffer	26361 Jones Wharf RD	Hollywood	MD	20636	Singlair Model TNT®	1966	1906005888
2014	SM19BMP050408	George Delaney	26368 Jones Wharf RD	Hollywood	MD	20636	Singlair Model TNT®	1973	1906006728
2015	SM19BMP050409	James Ball	26371 Fielding RD	Hollywood	MD	20636	Singlair Model TNT®	1990	1906015433
2017	SM19BMP050410	SHAWN GUY	26373 Jones Wharf RD	Hollywood	MD	20636	Singlair Model TNT®	1987	1906029736
2019	SM19BMP050411	DAVID GAIMES	26377 HILLENDALE RD	Hollywood	MD	20636	Singlair Model TNT®	1973	1906000428
2015	SM19BMP050412	James Daniels	26393 Hillendale RD	Hollywood	MD	20636	Singlair Model TNT®	1966	1906034861
2015	SM19BMP050413	Robert Horn	26395 Mechanicsville RD	Mechanicsville	MD	20659	Singlair Model TNT®	2014	1904057279
2015	SM19BMP050414	SHALL	26405 Mechanicsville RD	Mechanicsville	MD	20659	Singlair Model TNT®	2014	1904057287
2014	SM19BMP050415	Joseph Darnall	26417 Hillendale RD	Hollywood	MD	20636	Singlair Model TNT®	1984	1906011322
2017	SM19BMP050416	ASHLEY SELLNER	26426 Peninsular DR	Hollywood	MD	20636	Singlair Model TNT®	1982	1906026206
2014	SM19BMP050417	Susan Matthews	26445 Meadow RD	Hollywood	MD	20636	Advantex AX20®	1975	1906025870
2015	SM19BMP050418	Ronald & Gene Redding	26446 Meadow RD	Hollywood	MD	20636	Advantex AX20®	1955	1906030041
2017	SM19BMP050419	JOHN WESTFALL	26612 JOHNSON LN	Mechanicsville	MD	20659	Singlair Model TNT®	1970	1904008642
2016	SM19BMP050420	merrick homes	26690 Forest Way	MECHANICSVILLE	MD	20659	Singlair Model TNT®	2013	1904057341
2016	SM19BMP050421	Katie Morgan	26815 Baptist Church RD	Mechanicsville	MD	20659	Singlair Model TNT®	1818	1904010345
2018	SM19BMP050422	JOHN QUADE	27060 CAPE ST. MARY'S DR	Mechanicsville	MD	20659	Singlair Model TNT®	1975	1906026079
2018	SM19BMP050423	TRISHA GINGERY	27064 CAPE ST. MARY'S DR	Mechanicsville	MD	20659	Singlair Model TNT®	1960	1906021085
2014	SM19BMP050424	Fred Capps	27161 Barton CT	Mechanicsville	MD	20659	Singlair Model TNT®	1966	1906034969
2018	SM19BMP050425	DONALD HILL	27206 BARTON ST	Mechanicsville	MD	20659	Singlair Model TNT®	1953	1906032478
2015	SM19BMP050426	Joanne Benfield	27218 Lakeside DR	Mechanicsville	MD	20659	Singlair Model TNT®	1975	1906013287
2019	SM19BMP050427	TRAVIS BOSWELL	27276 HOLLY LN	Mechanicsville	MD	20659	Singlair Green®	1964	1906001947
2019	SM19BMP050428	MARY BARNES	27307 JINKS WAY	Mechanicsville	MD	20659	Singlair Model TNT®	1968	1905023513
2013	SM19BMP050429	David Buckler	27336 N. Sandgates RD	Mechanicsville	MD	20659	Singlair Model TNT®	1876	1906023185
2012	SM19BMP050430	Sam and Mary Whitacre	27409 N Sandgates Rd	Mechanicsville	MD	20659	Singlair Model TNT®	1954	1906006094
2017	SM19BMP050431	MIKE TARANTOLA	27495 NORTH SANDGATES RD	Mechanicsville	MD	20659	Singlair Model TNT®	1984	1906019927
2014	SM19BMP050432	Joan Hartzfeld	27506 Old Village RD	Mechanicsville	MD	20659	Singlair Model TNT®	1975	1905000645
2015	SM19BMP050433	Marvin Wood	27924 Queenree RD	Mechanicsville	MD	20659	Singlair Model TNT®	1990	1906050964
2014	SM19BMP050434	Robert Bauer	28030 Old Village RD	Mechanicsville	MD	20659	Singlair Model TNT®	1972	1905018609
2014	SM19BMP050435	William Beerman	28415 Thompson Corner RD	Mechanicsville	MD	20659	Singlair Model TNT®	1978	1905035600
2009	SM19BMP050436	Albert Lee Downs	28435 St Marys AVE	Mechanicsville	MD	20659	Advantex AX20®	1969	1905007585
2018	SM19BMP050437	ELLA SOMERVILLE	28475 POINT LOOKOUT RD	Leonardtown	MD	20650	Singlair Model TNT®	2006	1903040321
2014	SM19BMP050438	Robah Garner	28681 Flora Corner RD	Mechanicsville	MD	20659	Singlair Model TNT®	1973	1905016495
2014	SM19BMP050439	Marion Holley	29066 New Market Village RD	Mechanicsville	MD	20659	Singlair Model TNT®	1945	1905011051
2009	SM19BMP050440	Don Hammerlund	29260 Delightful Springs LN	Mechanicsville	MD	20659	Advantex AX20®	1979	1905030099
2009	SM19BMP050441	Rachel Stockman	29475 Jennifer DR	Mechanicsville	MD	20659	Hoot BNR®	1992	1905047765
2011	SM19BMP050442	Tamara Hildebrand and Aurora Liss	29487 Edison CT	Mechanicsville	MD	20659	Singlair Model TNT®	1993	1905048931
2013	SM19BMP050443	Cynthia Hicks	29620 Finch CT	Mechanicsville	MD	20659	Singlair Model TNT®	1990	1905045347
2018	SM19BMP050444	STEVE MILLER	29693 SKYVIEW DR	Mechanicsville	MD	20659	Singlair Model TNT®	1974	1905004837
2013	SM19BMP050445	Charles Young	29720 Bruce RD	Mechanicsville	MD	20659	Singlair Model TNT®	1996	1905013968
2009	SM19BMP050446	Sarah E. Litten	29730 Boundary DR	Mechanicsville	MD	20659	Advantex AX20®	1988	1905024137
2014	SM19BMP050447	Tammy Payne	29735 Bruce RD	Mechanicsville	MD	20659	Singlair Model TNT®	1995	1905004918
2013	SM19BMP050448	Robert Howard	29748 Beach CT	Mechanicsville	MD	20659	Advantex AX20®	1991	1905014336
2013	SM19BMP050449	Pat Burke	29748 Bruce RD	Mechanicsville	MD	20659	Advantex AX20®	1974	1905018889
2013	SM19BMP050450	Dale Antosh	29754 Beach CT	Mechanicsville	MD	20659	Advantex AX20®	2008	1905000653
2014	SM19BMP050451	MAURICIA STASCH	29755 HILLVIEW DR	Mechanicsville	MD	20659	Singlair Model TNT®	1980	1905000203
2014	SM19BMP050452	Michael Schoenbauer	29760 Beach CT	Mechanicsville	MD	20659	Singlair Model TNT®	1964	1905022665
2016	SM19BMP050453	Doris Hayes	29764 Allen RD	Mechanicsville	MD	20659	Singlair Model TNT®	1972	1905015502
2014	SM19BMP050454	Kenneth Spohn	29770 Prince RD	Mechanicsville	MD	20659	Singlair Model TNT®	1963	1905024242
2018	SM19BMP050455	MYRA MILNER	29794 KING RD	Mechanicsville	MD	20659	Singlair Model TNT®	2017	1905002931
2013	SM19BMP050456	John Warring	29796 Adams Rd	Mechanicsville	MD	20659	Singlair Model TNT®	1971	1905025559
2014	SM19BMP050457	Barbara Brunet	29806 Adams RD	Mechanicsville	MD	20659	Advantex AX20®	1970	1905023297
2015	SM19BMP050458	Monica L Thompson	29811 Allison CIR	Mechanicsville	MD	20659	Singlair Model TNT®	1972	1905013690
2010	SM19BMP050459	Lisa Marcheggiani	29816 Adams Rd	Mechanicsville	MD	20659	Singlair Model TNT®	1973	1905011418
2009	SM19BMP050460	Deborah L. Dulka	29828 Hillview DR	Mechanicsville	MD	20659	Singlair Model TNT®	1974	1905001668
2016	SM19BMP050461	Rich Szatkowski	29831 Lee RD	Mechanicsville	MD	20659	Hoot BNR®	1977	1905015731
2009	SM19BMP050462	John Toole Jr.	29831 Skyview DR	Mechanicsville	MD	20659	Singlair Model TNT®	1972	1905059585
2013	SM19BMP050463	Rita Blyler	29838 Hillview Dr	Mechanicsville	MD	20659	Singlair Model TNT®	1966	1905018242
2013	SM19BMP050464	Nicole Peaper	29840 Ann CIR	Mechanicsville	MD	20659	Singlair Green®	1977	1905029341
2015	SM19BMP050465	Joseph Chick	29843 Adams RD	Mechanicsville	MD	20659	Singlair Model TNT®	1975	1905001552
2013	SM19BMP050466	Kenneth Pitcher	29845 Ann CIR	Mechanicsville	MD	20659	Singlair Model TNT®	1977	1905035023
2010	SM19BMP050467	Gary Werth	29851 Lee Rd	Mechanicsville	MD	20659	Advantex AX20®	1973	1905001412
2014	SM19BMP050468	Kimberly Cooksey	29853 Adams RD	Mechanicsville	MD	20659	Singlair Model TNT®	1975	1905000459
2013	SM19BMP050469	Beverly Bowen	29866 Jefferson RD	Mechanicsville	MD	20659	Singlair Model TNT®	1977	1905027004
2014	SM19BMP050470	Robert Green	29870 Point Lookout RD	Mechanicsville	MD	20659	Singlair Model TNT®	1946	1904012763
2010	SM19BMP050471	James Herbert	29871 Lee. RD	Mechanicsville	MD	20659	Singlair Model TNT®	1973	1905010349
2014	SM19BMP050472	Robert Kyte and Linda Kyte	29923 Shore View DR	Mechanicsville	MD	20659	Singlair Model TNT®	1979	1905013836
2013	SM19BMP050473	Wayne Field	29924 Burton RD	Mechanicsville	MD	20659	Advantex AX20®	1987	1905002524
2009	SM19BMP050474	Wyona Gleske	29933 Shoreview Dr	Mechanicsville	MD	20659	Singlair Model TNT®	1975	1905014107
2013	SM19BMP050475	Roy Wilkins	29937 Therese CIR	Mechanicsville	MD	20659	Singlair Green®	1978	1905030129

2009	SM19BMP050476	Steven Morris	29941 Woodland CIR	Mechanicsville	MD	20659	Singlair Model TNT®	1960	1905008905
2009	SM19BMP050477	Anthony McRoy	29943 Scott CIR	Mechanicsville	MD	20659	Singlair Model TNT®	1966	1905003210
2013	SM19BMP050478	Michael Abramson	29949 Patuxent Knolls CT	Mechanicsville	MD	20659	Singlair Model TNT®	1977	1905035139
2015	SM19BMP050479	William Fleming	29950 Holmes RD	Mechanicsville	MD	20659	Singlair Model TNT®	1970	1905024633
2009	SM19BMP050480	Reuben Richardson Jr.	29951 Woodland Cir	Mechanicsville	MD	20659	Singlair Model TNT®	1975	1905019621
2009	SM19BMP050481	Gerald F. Wiggen	29954 Woodland CIR	Mechanicsville	MD	20659	Singlair Model TNT®	1965	1905001730
2011	SM19BMP050482	Pauette Cambell	29959 Barger Dr	Mechanicsville	MD	20659	Singlair Model TNT®	1973	1905014573
2013	SM19BMP050483	Frank Ivan	29967 Burton RD	Mechanicsville	MD	20659	Singlair Model TNT®	1973	1905000734
2014	SM19BMP050484	Daniel Garrison and Pamela Garrison	29981 Cross Woods DR	Mechanicsville	MD	20659	Singlair Model TNT®	1975	1905001757
2013	SM19BMP050485	Ronald Barbour	29990 Burton RD	Mechanicsville	MD	20659	Singlair Model TNT®	1972	1905012236
2013	SM19BMP050486	Marshall Cook	29995 Holmes RD	Mechanicsville	MD	20659	Advantex AX20®	1987	1905019443
2011	SM19BMP050487	Eileen White	30027 MONROE RD	Mechanicsville	MD	20659	Singlair Model TNT®	1872	1905025850
2013	SM19BMP050488	Jennifer Hogan	30048 Cross Woods Dr	Mechanicsville	MD	20659	Singlair Model TNT®	1973	1905011434
2013	SM19BMP050489	Janet Christian	30055 Cross Woods DR	Mechanicsville	MD	20659	Singlair Model TNT®	1984	1905017335
2013	SM19BMP050490	Hobart Weimer	30067 Cross Woods DR	Mechanicsville	MD	20659	Singlair Model TNT®	1984	1905021820
2013	SM19BMP050491	James Reardon	30093 Shoreview DR	Mechanicsville	MD	20659	Singlair Model TNT®	1958	1905014409
2010	SM19BMP050492	Grace Noland	30133 Shoreview DR	Mechanicsville	MD	20659	Singlair Model TNT®	1972	1905026261
2014	SM19BMP050493	BILL MATTINGLY	30145 DUDLEY RD	Mechanicsville	MD	20659	Singlair Model TNT®	1984	1905003504
2014	SM19BMP050494	James Breiner	30153 Shoreview DR	Mechanicsville	MD	20659	Singlair Model TNT®	1974	1905009057
2015	SM19BMP050495	Blair Family Partnership	30170 Three Notch RD	Mechanicsville	MD	20659	Advantex AX20®	1995	1905014484
2019	SM19BMP050496	ROBERT G SMITH	30261 GERSHWIN RD	Charlotte Hall	MD	20624	Singlair Model TNT®	1977	1905014999
2013	SM19BMP050497	Robert Nicholson	30333 Mount Wolf Way	Charlotte Hall	MD	20622	Singlair Model TNT®	1970	1905007828
2009	SM19BMP050498	Robert Nicholson	30333 Mount Wolf Way	Charlotte Hall	MD	20622	MicroFAST®	1970	1905007828
1999	SM19BMP050499	Ken Alston	30537 Potomac Way	Charlotte Hall	MD	20622	MicroFAST®	1989	1903009211
2014	SM19BMP050500	Roland Smith	35792 Bay DR	Chaptico	MD	20621	Singlair Model TNT®	1958	1904001427
2014	SM19BMP050501	Lillie Lucas	35798 Bay DR	Chaptico	MD	20621	Singlair Model TNT®	1969	1904010140
2014	SM19BMP050502	Gene Moore	35853 Bay DR	Chaptico	MD	20621	Singlair Model TNT®	1954	1904002636
2013	SM19BMP050503	DONNA DENT	35934 Center AVE	Chaptico	MD	20621	Singlair Model TNT®	1965	1904006550
2010	SM19BMP050504	George Thomas	35938 Washington Ave	Chaptico	MD	20621	Singlair Model TNT®	1965	1904002652
2010	SM19BMP050505	William Johnson	35941 Roosevelt Boulevard	Chaptico	MD	20621	Singlair Model TNT®	1930	1904001060
2008	SM19BMP050506	Daniel T Mangrum	35956 Bay DR	Mechanicsville	MD	20659	RetroFAST®	1969	1904005988
2013	SM19BMP050507	Greta Johnson	35966 Washington AVE	Chaptico	MD	20621	Singlair Model TNT®	1959	1904008197
2011	SM19BMP050508	Nickolas Rustin	35972 Washington Ave	Chaptico	MD	20621	Hoot BNR®	1965	1904013565
2014	SM19BMP050509	Dorothy Harrod	35974 Center Ave	Chaptico	MD	20621	Singlair Model TNT®	1969	1904017692
2013	SM19BMP050510	Debra Dent	35974 Roosevelt Blvd	Chaptico	MD	20621	Singlair Model TNT®	1962	1904003373
2013	SM19BMP050511	Sandra Scott	35985 Bay DR	Chaptico	MD	20621	Advantex AX20®	1961	1904004868
2013	SM19BMP050512	Joseph Sweeney	35991 Sunset DR	Chaptico	MD	20621	holding tank	1960	1904001745
2013	SM19BMP050513	Calvin Morrow	35991 Washington AVE	Chaptico	MD	20621	Singlair Model TNT®	1964	1904009878
2014	SM19BMP050514	Edwin Brown	36001 Sunrise AVE	Chaptico	MD	20621	Singlair Model TNT®	1920	1904017455
2013	SM19BMP050515	James Westray	36003 Washington AVE	Chaptico	MD	20621	Singlair Model TNT®	1969	1904017145
2014	SM19BMP050516	Shelby Nickelson	36007 Washington AVE	Chaptico	MD	20621	Hoot BNR®	1971	1904000077
2014	SM19BMP050517	Sherman Robinson	36026 Bay DR	Chaptico	MD	20621	Singlair Model TNT®	1972	1904010701
2013	SM19BMP050518	Richard Green	36029 Center Ave	Chaptico	MD	20621	Advantex AX20®	1969	1904012615
2014	SM19BMP050519	Anne Winchester	36036 Bar DR	Chaptico	MD	20621	Singlair Model TNT®	1971	1904008510
2013	SM19BMP050520	Brian Small	36070 Bay DR	Chaptico	MD	20621	Singlair Model TNT®	1971	1904008340
2014	SM19BMP050521	William Rustin	36127 Sunrise Ave	Chaptico	MD	20621	Singlair Model TNT®	1962	1904015045
2014	SM19BMP050522	CALESTARD GRAVETT	36163 CENTER AVE	Chaptico	MD	20621	Singlair Model TNT®	1944	1904012305
2014	SM19BMP050523	Francis Powell	36180 West PL	Chaptico	MD	20621	Singlair Model TNT®	1944	1904015061
2013	SM19BMP050524	Ernest Hamlin	36181 Center AVE	Chaptico	MD	20621	Singlair Model TNT®	1964	1904007506
2015	SM19BMP050525	Mary Springstead	36254 Old Chaptico Wharf RD	Chaptico	MD	20621	Singlair Model TNT®	2005	1904032373
2015	SM19BMP050526	Everett Cooper	36550 Bashford LN	Chaptico	MD	20621	Singlair Model TNT®	1974	1904003144
2018	SM19BMP050527	DAN LINDSAY	36681 OWENS DR	Bushwood	MD	20618	Singlair Model TNT®	1972	1907012160
2014	SM19BMP050528	Raymond & Cheryl Walker	36700 Owens PL	Bushwood	MD	20618	Hoot BNR®	2009	1907007655
2013	SM19BMP050529	Stephen Dickinson	36721 West Lakeland Dr	Mechanicsville	MD	20659	Advantex AX20®	1988	1904030796
2013	SM19BMP050530	Donna Miles	36842 Skyview DR	Bushwood	MD	20618	holding tank	1962	1907020201
2016	SM19BMP050531	Shayne Kramer	36863 Tanyard DR	Mechanicsville	MD	20659	Singlair Model TNT®	1983	1904023080
2015	SM19BMP050532	Jesse Walter	36872 Park View LN	Mechanicsville	MD	20659	Singlair Model TNT®	2000	1904004167
2013	SM19BMP050533	Virginia Miller	36923 Kimberly CT	Mechanicsville	MD	20659	Advantex AX20®	1988	1904030354
2009	SM19BMP050534	Richard Lord	37145 Gibson Rd	Bushwood	MD	20618	Hoot BNR®	1918	1907032234
2009	SM19BMP050535	Jaime Rosado	37205 Gibson Rd	Bushwood	MD	20618	Advantex AX20®	1995	1907005059
2009	SM19BMP050536	Ronald Linkous	37211 Gibson Rd	Bushwood	MD	20618	Advantex AX20®	1935	1907028016
2014	SM19BMP050537	Kevin POOLE	37285 RIVER SPRINGS RD	Avenue	MD	20609	Singlair Model TNT®	1931	1907009933
2012	SM19BMP050538	Patricia Cheseldine	37310 River Springs Rd	Avenue	MD	20609	Singlair Model TNT®	1952	1907004230
2009	SM19BMP050539	Thomas Bailey	37415 Tom Bailey LN	Bushwood	MD	20618	Singlair Model TNT®	1992	1907039638
2017	SM19BMP050540	WILLIAM 2YR SUMMERS	37435 HANDEL DR	Charlotte Hall	MD	20622	Singlair Model TNT®	1976	1905023823
2015	SM19BMP050541	Warren Guy	37449 River Springs RD	Avenue	MD	20609	Advantex AX20®	1949	1907031947
2009	SM19BMP050542	Douglas Maclean	37460 Handel DR	Charlotte Hall	MD	20622	Singlair Model TNT®	1975	1905021359
2010	SM19BMP050543	Carroll Edward Stickell	37603 Louis Bailey Rd	Leonardtown	MD	20650	Singlair Model TNT®	1920	1907028202
2014	SM19BMP050544	Mary Jo Kemp	37605 Louis Bailey RD	Avenue	MD	20609	Singlair Model TNT®	1930	1907016670
2012	SM19BMP050545	Jeff Edgar	37700 Waterloo Rd	Coltons Point	MD	20626	Singlair Model TNT®	1973	1907008147
2009	SM19BMP050546	John T. Broderick	37960 Enfield Ln	Coltons Point	MD	20626	Hoot BNR®	1984	1907000502
2010	SM19BMP050547	Joseph Jarvis	37995 Beach Rd	Coltons Point	MD	20626	Advantex AX20®	1925	1907021216
2012	SM19BMP050548	Barbara Herbert	38055 Beach Rd	Coltons Point	MD	20626	Singlair Model TNT®	1945	1907012071
2019	SM19BMP050549	TERRI WALKER	38075 CHEYENNE CT	Charlotte Hall	MD	20622	Singlair Model TNT®	1975	1905002486
2014	SM19BMP050550	Joan Bowles	38140 Duke Heart Creek RD	Coltons Point	MD	20626	Singlair Model TNT®	1958	1907008678
2018	SM19BMP050551	MARK CARTER	38141 Etna CT	Mechanicsville	MD	20659	Singlair Model TNT®	1961	1905050553
2013	SM19BMP050552	Francis Delozier	38150 Dukeharts Creek Rd	Coltons Point	MD	20626	Advantex AX20®	1963	1907002408
2014	SM19BMP050553	JOHN PARRIS	38285 PALMER RD	Coltons Point	MD	20626	Singlair Model TNT®	2008	1905049369
2015	SM19BMP050554	Nick Jansechek	38312 Mount Wolf RD	Charlotte Hall	MD	20622	Singlair Model TNT®	1978	1905028086
2014	SM19BMP050555	James Hillan	38320 COLLINS RD	Avenue	MD	20609	Advantex AX20®	2005	1907005008
2014	SM19BMP050556	Richard Giles	38320 Point Breeze RD	Coltons Point	MD	20626	Singlair Model TNT®	1951	1907009925

2014	SM19BMP050557	WAYNE STAPLES	38325 LAUREL RIDGE RD	Mechanicsville	MD	20659	Singlair Model TNT®	1990	1905045029
2014	SM19BMP050558	Thomas Farrell	38345 Hatchet Thicket RD	Avenue	MD	20609	Singlair Model TNT®	1965	1907004966
2015	SM19BMP050559	Lillian Yorkshire	38355 Chaptico RD	Chaptico	MD	20621	Singlair Model TNT®	1960	1904018052
2016	SM19BMP050560	Dave Harold Hudson	38453 Willow Way	Avenue	MD	20609	Singlair Model TNT®	1975	1907021720
2014	SM19BMP050561	Rose Guyther	38530 Pleasant Harbor Way	Abell	MD	20606	Singlair Model TNT®	1966	1907019394
2017	SM19BMP050562	MARY WATHEN	38620 Morris Point RD	Abell	MD	20606	Singlair Model TNT®	1961	1907030371
2013	SM19BMP050563	Andrew Edger	38650 Collinwood Dr	Abell	MD	20606	Advantex AX20®	1959	1907014473
2012	SM19BMP050564	William Keiser	38655 Van WaRD RD	Abell	MD	20606	Singlair Model TNT®	1971	1907023146
2009	SM19BMP050565	Lee Fetty	38665 Collinwood Dr	Abell	MD	20606	Hoot BNR®	1930	1907022034
2013	SM19BMP050566	Thomas Kidwell	38674 Collinwood DR	Abell	MD	20606	Singlair Model TNT®	1947	1907019211
2009	SM19BMP050567	George Kelley	38698 Robert Lacey RD	Abell	MD	20606	RetroFAST®	2008	1907008791
2009	SM19BMP050568	Anna Kotowski	38700 Collinwood RD	Abell	MD	20606	RetroFAST®	2001	1907021372
2014	SM19BMP050569	James Wilt	38766 Cobrums Wharf RD	Avenue	MD	20609	Singlair Model TNT®	1990	1907036809
2014	SM19BMP050570	Kathy Whitman	38880 Faith Hills Way	Mechanicsville	MD	20659	Advantex AX20®	1974	1905006562
2013	SM19BMP050571	Stephen Oberti	38881 Sage PL	Mechanicsville	MD	20659	Singlair Model TNT®	2003	1905061687
2013	SM19BMP050572	Eddie Henderson Jr.	38885 Sage PL	Mechanicsville	MD	20659	Singlair Model TNT®	2003	1905061695
2012	SM19BMP050573	William Bowling	38885 Van Ward Rd	Abell	MD	20606	Singlair Model TNT®	1969	1907027186
2013	SM19BMP050574	Allen Stabler	38913 Van Ward RD	Abell	MD	20606	Singlair Model TNT®	1971	1907027966
2019	SM19BMP050575	Emory Ellis	38929 Vanward Rd	Abell	MD	20606	Hoot BNR®	1964	1907034768
2013	SM19BMP050576	Alexander Landsburg	39001 Van Ward RD	Abell	MD	20606	Singlair Model TNT®	1957	1907001614
2013	SM19BMP050577	Joseph and Susan Copsey	39012 Van Ward RD	Abell	MD	20606	Singlair Model TNT®	1957	1907010869
2014	SM19BMP050578	DOUG DELANO	39209 MAYCROFT RD	Avenue	MD	20609	Singlair Model TNT®	1905	1907025742
2016	SM19BMP050579	Thomas McCall	39276 Hodges RD	Avenue	MD	20609	Singlair Model TNT®	1963	1907180579
2016	SM19BMP050580	James Meredith	39293 St. Thomas DR	Mechanicsville	MD	20659	Singlair Model TNT®	1976	1904015371
2014	SM19BMP050581	Jennifer Schmidt	39335 Burch RD	Avenue	MD	20609	Advantex AX20®	2000	1907030819
2013	SM19BMP050582	Mark McGurk	39422 Summitt Hill DR	Mechanicsville	MD	20659	Singlair Model TNT®	2000	1905050251
2013	SM19BMP050583	Andrew Schwab	39425 Summitt Hill DR	Mechanicsville	MD	20659	Singlair Model TNT®	1996	1905049865
2013	SM19BMP050584	Brian Beverly	39426 Summitt Hill DR	Mechanicsville	MD	20659	Singlair Model TNT®	1995	1905049873
2013	SM19BMP050585	Barbara Dunbar and Donna Dunbar	39429 Summitt Hill DR	Mechanicsville	MD	20659	Singlair Model TNT®	1997	1905049822
2014	SM19BMP050586	Tony Moraz	39433 Summitt Hill DR	Mechanicsville	MD	20659	Advantex AX20®	1997	1905049814
2013	SM19BMP050587	Paul Murphy and Kelly Murphy	39435 Summitt Hill DR	Mechanicsville	MD	20659	Singlair Model TNT®	1998	1905049806
2016	SM19BMP050588	Michael Rounds	39490 Mount Wolf RD	Charlotte Hall	MD	20622	Hoot BNR®	1981	1905004543
2011	SM19BMP050589	Matthew Tennyson	39550 Mount Wolf RD	Charlotte Hall	MD	20622	Singlair Model TNT®	1972	1905004500
2013	SM19BMP050590	Dennis Stoudt	39572 Walnut CIR	Mechanicsville	MD	20659	Hoot BNR®	1977	1905030188
2013	SM19BMP050591	Marjorie Gail Spalding	39707 Sunnyside RD	Leonardtown	MD	20650	Singlair Model TNT®	1986	1903034771
2013	SM19BMP050592	Sherri Wills	39719 Daniel CIR	Mechanicsville	MD	20659	Hoot BNR®	1977	1905029260
2014	SM19BMP050593	George Buckler	39935 Holly Bank	Mechanicsville	MD	20659	Singlair Model TNT®	1989	1904026470
2015	SM19BMP050594	Brenda Pate	39960 Mrs. Graves RD	MECHANICSVILLE	MD	20659	Singlair Model TNT®	1999	1906060145
2015	SM19BMP050595	Glenn & Sherry Wood	39962 Golden Beach Rd	MECHANICSVILLE	MD	20659	Advantex AX20®	1971	1905025893
2019	SM19BMP050596	Wayne Taylor	39994 Ben Morgan Rd	Leonardtown	MD	20650	Public Sewer Hook Up	2010	1903018504
2016	SM19BMP050597	Tony Casolaro	40026 Ben Morgan RD	Leonardtown	MD	20650	Hoot BNR®	1930	1903000524
2010	SM19BMP050598	Pam Mucci	40073 Open View DR	Mechanicsville	MD	20659	Hoot BNR®	1975	1905013267
2010	SM19BMP050599	Wesley Wilkes	40083 Openview DR	Mechanicsville	MD	20659	Singlair Model TNT®	1975	1905022487
2018	SM19BMP050600	Christine Barbieri	40115 Beach DR	Mechanicsville	MD	20659	HydroAction	1974	1905017564
2014	SM19BMP050601	Gina Dimichele	40120 Beach Dr	Mechanicsville	MD	20659	Advantex AX20®	1970	1905016991
2009	SM19BMP050602	William Gardiner Jr	40121 Little Woods Ln	Leonardtown	MD	20650	Hoot BNR®	1954	1903008908
2011	SM19BMP050603	George Hill	40144 Waterview Dr	Mechanicsville	MD	20659	Singlair Model TNT®	1973	1905010691
2019	SM19BMP050604	JONN MCKINNEY	40145 LITTLE WOODS	Leonardtown	MD	20650	Singlair Model TNT®	1967	1903017869
2014	SM19BMP050605	Leonard Tippett	40146 Golden Beach DR	Mechanicsville	MD	20659	Singlair Model TNT®	1960	1905022592
2014	SM19BMP050606	Peggy Hughes	40174 Waterview DR	Mechanicsville	MD	20659	Singlair Model TNT®	1960	1905021677
2019	SM19BMP050607	Mary Wyne	40194 Folly Cove LN	Leonardtown	MD	20650	Advantex AX20®	1973	1903008401
2013	SM19BMP050608	Joseph A. Wilkinson	40204 Folly Cove Ln	Leonardtown	MD	20650	Singlair Model TNT®	1972	1903028259
2014	SM19BMP050609	Maurice VanMeter	40223 Golden Beach RD	Mechanicsville	MD	20659	Singlair Model TNT®	1965	1905019540
2014	SM19BMP050610	Joshua Day	40247 Waterview Dr	Mechanicsville	MD	20659	Singlair Model TNT®	1974	1905004381
2013	SM19BMP050611	Kathy and Irving Owens	40255 Beach DR	Mechanicsville	MD	20659	Singlair Model TNT®	1973	1905004896
2007	SM19BMP050612	Christine Butler	40278 Sunnyside RD	Loveville	MD	20656	Singlair Model TNT®	1973	1903004201
2013	SM19BMP050613	Charles Dickinson	40285 Beach Dr	Mechanicsville	MD	20659	Advantex AX20®	1968	1905017351
2013	SM19BMP050614	Edward Redding	40306 WOLFE DR	Mechanicsville	MD	20659	Singlair Model TNT®	1970	1905019842
2014	SM19BMP050615	James Robrecht	40308 Breton Beach RD	Leonardtown	MD	20650	Singlair Model TNT®	1989	1903042332
2017	SM19BMP050616	Daniel Maines	40311 BAY DR	Mechanicsville	MD	20659	Singlair Model TNT®	1975	1905014344
2013	SM19BMP050617	James Harris	40326 Wolfe DR	Mechanicsville	MD	20659	Singlair Model TNT®	1959	1905023645
2015	SM19BMP050618	Jack Bragg	40335 Beach DR	Mechanicsville	MD	20659	Hoot BNR®	1959	1905002303
2013	SM19BMP050619	Rebecca Zois	40336 Wolfe DR	Mechanicsville	MD	20659	Singlair Model TNT®	1972	1905022266
2009	SM19BMP050620	Joseph Ferrante	40350 Beach Dr	Mechanicsville	MD	20659	Singlair Model TNT®	1984	1905007224
2018	SM19BMP050621	Kenneth Irwin	40360 Waterview DR	Mechanicsville	MD	20659	AquaKlear	1976	1905017416
2009	SM19BMP050622	Ransom Hanford	40362 Dockser DR	Mechanicsville	MD	20659	Advantex AX20®	1960	1905036178
2009	SM19BMP050623	Robert Oliver	40365 Drudy LN	Leonardtown	MD	20650	Singlair Model TNT®	1941	1903026914
2014	SM19BMP050624	Ronald King Sr.	40366 Bay DR	Mechanicsville	MD	20659	Singlair Model TNT®	1974	1905012406
2009	SM19BMP050625	Robert Lejeune	40370 Beach Dr	Mechanicsville	MD	20659	Singlair Model TNT®	1972	1905006767
2017	SM19BMP050626	JOHN GARRETT	40375 ROSEBANK LN	Leonardtown	MD	20650	Singlair Model TNT®	1953	1903009017
2009	SM19BMP050627	Christopher Blyler	40376 Wolfe DR	Mechanicsville	MD	20659	Singlair Model TNT®	1971	1905026199
2017	SM19BMP050628	ALDEN ESTEP	40383 Duke RD	Mechanicsville	MD	20659	Singlair Model TNT®	1974	1905027284
2016	SM19BMP050629	Tammy Young	40396 Parsons Mill RD	Leonardtown	MD	20650	Singlair Model TNT®	1958	1903029115
2018	SM19BMP050630	UNKNOWN UNKNOWN	40400 BEACH DR	Mechanicsville	MD	20659	Singlair Model TNT®	2017	1905021022
2016	SM19BMP050631	JACOB MILLER	40405 Beach DR	Mechanicsville	MD	20659	Singlair Model TNT®	1995	1905001374
2014	SM19BMP050632	Belinda Van Cleaf	40406 Bay DR	Mechanicsville	MD	20659	Singlair Model TNT®	1972	1905006554
2013	SM19BMP050633	Kristopher Melton	40410 Breton Beach RD	Leonardtown	MD	20650	Singlair Model TNT®	1949	1903003779
2015	SM19BMP050634	Barbara Brooks	40414 Waterview DR	MECHANICSVILLE	MD	20659	Singlair Model TNT®	1972	1905020557
2014	SM19BMP050635	Mickey Brown	40424 Waterview DR	Mechanicsville	MD	20659	Singlair Model TNT®	1953	1905020344

2013	SM19BMP050636	Kelli McClure Sweeney	40425 Beach DR	Mechanicsville	MD	20659	Advantex AX20®	1966	1905014263
2009	SM19BMP050637	Sharon Potter and Larry Potter	40474 Waterview Dr	Mechanicsville	MD	20659	Advantex AX20®	1960	1905025583
2017	SM19BMP050638	Peter and Cheryl Bartolomeo	40485 Beach DR	Mechanicsville	MD	20659	HydroAction	1961	1905000599
2013	SM19BMP050639	Catherine Bowie	40495 Beach DR	Mechanicsville	MD	20659	Advantex AX20®	1962	1905016444
2009	SM19BMP050640	William Kent Robbins	40497 Waterview Dr	Mechanicsville	MD	20659	Singlair Model TNT®	1969	1905013909
2017	SM19BMP050641	WALTER WHITBECK	40502 PORT PL	Leonardtown	MD	20650	Singlair Model TNT®	1980	1903027333
2010	SM19BMP050642	Tammy Labows	40532 Port PL	Leonardtown	MD	20650	Singlair Model TNT®	1971	1903016315
2016	SM19BMP050643	Bobby Bealle	40570 Bishop RD	Mechanicsville	MD	20659	Singlair Model TNT®	2005	1906058914
2012	SM19BMP050644	Michelle and Plez Rance	40605 Port PL	Leonardtown	MD	20650	Singlair Model TNT®	1968	1903027848
2013	SM19BMP050645	Harry Swann	40623 Waterview Dr	Mechanicsville	MD	20659	Singlair Model TNT®	1957	1905012449
2013	SM19BMP050646	David Blomquist	40629 Waterview DR	Mechanicsville	MD	20659	Singlair Model TNT®	1973	1905006775
2013	SM19BMP050647	Pat Wilkinson	40728 South 40 DR	Leonardtown	MD	20650	Singlair Model TNT®	1967	1903006492
2015	SM19BMP050648	Ray Dodson	40734 Lake and Breton View DR	Leonardtown	MD	20650	Singlair Model TNT®	1970	1903007162
2013	SM19BMP050649	Nick Neven	40748 South 40 DR	Leonardtown	MD	20650	AdvantexRT®	1964	1903005380
2018	SM19BMP050650	TIM WIESEMAN	40769 Magee DR	Leonardtown	MD	20650	Singlair Model TNT®	1975	1903000575
2010	SM19BMP050651	Mary Louise Bohannon	40781 South 40 Dr	Leonardtown	MD	20650	Hoot BNR®	1969	1903023494
2017	SM19BMP050652	ROBERT COLASACCO	40814 Lake and Breton View DR	Leonardtown	MD	20650	Singlair Model TNT®	1970	1903026787
2015	SM19BMP050653	Daniel Dearstine	40815 Daniel Webster Way	Leonardtown	MD	20650	Singlair Model TNT®	1971	1903028607
2014	SM19BMP050654	Steven and Elizabeth Hundert	40821 South 40 Dr	Leonardtown	MD	20650	Advantex AX20®	1987	1903008495
2012	SM19BMP050655	Ronald Sufield	40848 SOUTH 40 DR	Leonardtown	MD	20650	Hoot BNR®	1973	1903010384
2009	SM19BMP050656	Michael Straub	40857 Lake and Breton View DR	Leonardtown	MD	20650	Singlair Model TNT®	1978	1903023311
2009	SM19BMP050657	Michael & Wendy Perraut	40884 Lake and Breton View DR	Leonardtown	MD	20650	Hoot BNR®	1989	1903032477
2016	SM19BMP050658	Edmond K. Greene	40987 Lake & Breton View DR	Leonardtown	MD	20650	Singlair Model TNT®	1970	1903009831
2013	SM19BMP050659	Ida Harris	41000 Oakville Rd	Mechanicsville	MD	20659	Singlair Model TNT®	1964	1906013708
2014	SM19BMP050660	Juliam Tsai	41206 Friendship CT	Mechanicsville	MD	20659	Singlair Model TNT®	1988	1906004857
2013	SM19BMP050661	Archbishop Baum	41348 Medley's Neck Rd	Leonardtown	MD	20650	Singlair Model TNT®	1962	1903022765
2017	SM19BMP050662	LYNDA WITTENHAGEN	41641 DUKE DR	Leonardtown	MD	20650	AquaKlear	1976	1903030075
2016	SM19BMP050663	Charles Hurley	41750 Cemetery LN	Leonardtown	MD	20650	Singlair Model TNT®	1994	1903053784
2013	SM19BMP050664	David Boszko	41835 Gibson DR	Mechanicsville	MD	20659	Hoot BNR®	1989	1906027083
2014	SM19BMP050665	Burnell Bennings	41844 Queens Landing RD	Mechanicsville	MD	20659	Singlair Model TNT®	2007	1906027059
2013	SM19BMP050666	Harold Owens	41872 Queens landing RD	Mechanicsville	MD	20659	Hoot BNR®	1979	1906027075
2013	SM19BMP050667	Leon Russell	41950 Swans CT	Leonardtown	MD	20650	Hoot BNR®	1989	1903043258
2019	SM19BMP050668	Kathleen Pauls	41960 Swans CT	Leonardtown	MD	20650	Hoot BNR®	1989	1903043266
2014	SM19BMP050669	Rene Chicoine	42010 Swans CT	Leonardtown	MD	20650	Hoot BNR®	1996	1903043274
2009	SM19BMP050670	Dennis England	42015 Swans Ct	Leonardtown	MD	20650	Hoot BNR®	1989	1903043215
2014	SM19BMP050671	Raymond Hanback	42125 Ridge Rd	Mechanicsville	MD	20659	Singlair Model TNT®	1968	1906013279
2018	SM19BMP050672	Dave Havrilla	42125 WHITE POINT BEACH RD	Leonardtown	MD	20650	Singlair Model TNT®	1924	1903004457
2014	SM19BMP050673	William Jones	42170 White Point RD	Leonardtown	MD	20650	Singlair Model TNT®	1940	1903007499
2013	SM19BMP050674	Frances Clese	42285 Allison DR	Mechanicsville	MD	20659	Singlair Model TNT®	1961	1906006477
2018	SM19BMP050675	RON HUTCHENS	42293 Allison DR	Mechanicsville	MD	20659	Singlair Model TNT®	2006	1906057543
2011	SM19BMP050676	Edgar Priest	42303 Riverwinds Dr	Leonardtown	MD	20650	Singlair Model TNT®	1989	1903029735
2016	SM19BMP050677	Tony Crowdis	42309 Allison RD	Mechanicsville	MD	20659	Singlair Model TNT®	1970	1906022480
2015	SM19BMP050678	John Klink	42314 Calvert CIR	Mechanicsville	MD	20659	Singlair Model TNT®	1954	1906001351
2015	SM19BMP050679	Thomas Quade	42328 Calvert CIR	MECHANICSVILLE	MD	20659	Singlair Model TNT®	1954	1906023401
2018	SM19BMP050680	WILLIAM PILKERTON	42363 MANOR DR	Mechanicsville	MD	20659	Singlair Model TNT®	1970	1906006957
2017	SM19BMP050681	PAUL NQUYEN	42366 ALLISON DR	Mechanicsville	MD	20659	Singlair Model TNT®	1948	1906002277
2009	SM19BMP050682	David Triantos	42371 Riverwinds Dr	Leonardtown	MD	20650	Advantex AX20®	1973	1903009572
2014	SM19BMP050683	Thomas Wilson	42391 Riverwinds DR	Leonardtown	MD	20650	Singlair Model TNT®	1959	1903028445
2013	SM19BMP050684	John Warren	42403 Riverwinds Dr	Leonardtown	MD	20650	Hoot BNR®	1953	1903020096
2010	SM19BMP050685	LAWRENCE MOHLER	42500 FAIRGROUNDS RD	Leonardtown	MD	20650	Singlair Model TNT®	1982	1903032094
2012	SM19BMP050686	Erica and Serina Roberts	42514 Keith CT	Hollywood	MD	20636	Singlair Model TNT®	1974	1906021220
2012	SM19BMP050687	Bob Ferber	42612 Della Brook Ln	Mechanicsville	MD	20659	Singlair Model TNT®	1980	1906010385
2013	SM19BMP050688	Mary Belle West	42703 St. John's RD	Hollywood	MD	20636	Singlair Model TNT®	1971	1903006298
2015	SM19BMP050689	JOHN CHAPMAN	42704 ST. JOHN'S RD	Hollywood	MD	20636	Singlair Model TNT®	1995	1903060314
2014	SM19BMP050690	Jennifer Borst	42910 St. Andrew's Church RD	Leonardtown	MD	20650	holding tank	1955	1903009149
2015	SM19BMP050691	George Thorne	43003 Medley's Neck RD	Leonardtown	MD	20650	Singlair Model TNT®	1930	1903025500
2015	SM19BMP050692	Josh Kirchner	43088 Coles DR	Hollywood	MD	20636	Advantex AX20®	1988	1906027849
2011	SM19BMP050693	John Schrufer	43105 Coles Dr	Hollywood	MD	20636	Singlair Model TNT®	1957	1906022871
2018	SM19BMP050694	Kingdom Property Services, LLC	43154 Coles DR	Hollywood	MD	20636	holding tank	1975	1906025536
2015	SM19BMP050695	Krista Hunt	43166 Riverside DR	Hollywood	MD	20636	Singlair Model TNT®	2006	1908148171
2014	SM19BMP050696	Frank & Coleen Kemp	43212 Oyster Bay DR	Hollywood	MD	20636	Advantex AX20®	1978	1906022421
2014	SM19BMP050697	Christina Smith	43221 Riverside DR	Hollywood	MD	20636	Hoot BNR®	1994	1906013643
2010	SM19BMP050698	Donald Howd	43265 Riverside DR	Hollywood	MD	20636	Singlair Model TNT®	1978	1906023959
2012	SM19BMP050699	Ron Nicholson	43313 Riverside Dr	Hollywood	MD	20636	Singlair Model TNT®	1975	1906028756
2011	SM19BMP050700	Hae Sook Kim	43324 Riverside Dr	Hollywood	MD	20636	Singlair Model TNT®	1930	1906034055
2012	SM19BMP050701	Mechanicsville Center, LLC	43346 Johnson Rd	Hollywood	MD	20636	Singlair Model TNT®	1976	1906018661
2010	SM19BMP050702	Matthew Regan	43398 Old Wharf RD	Hollywood	MD	20636	Singlair Model TNT®	1972	1906004970
2019	SM19BMP050703	COUNTY SIDE PET PARADISE	43450 ST. ANDREWS CHURCH RD	Leonardtown	MD	20650	Singlair Model TNT®	1860	1903020886
2015	SM19BMP050704	Thomas Wolf	43505 Deer Run CT	Leonardtown	MD	20650	Singlair Model TNT®	1997	1902035855

2014	SM19BMP050705	Roger Powell	43585 Drum Cliff Rd	Hollywood	MD	20636	Singlair Model TNT®	1945	1906052029
2012	SM19BMP050706	Keith Toy	43616 Abell Farm Way	Leonardtown	MD	20650	Hoot BNR®	1956	1902006774
2011	SM19BMP050707	Mike Scott	43648 Abell Farm Way	Leonardtown	MD	20650	Singlair Model TNT®	2001	1902000059
2009	SM19BMP050708	Robert Clements	43673 Potomac Shores Rd	Leonardtown	MD	20650	Singlair Model TNT®	1994	1902033038
2014	SM19BMP050709	DORIS WOODBURN	43681 Potomac Shores RD	Leonardtown	MD	20650	Singlair Model TNT®	1944	1902014432
2013	SM19BMP050710	Robert Tribel	43700 Sterling Dean LN	Hollywood	MD	20636	Singlair Model TNT®	1972	1906032885
2012	SM19BMP050711	Sarah Newberry	43720 St. Andrew's Church RD	California	MD	20619	Singlair Model TNT®	1977	1903013480
2012	SM19BMP050712	Helen Barnett	43741 Stephenson Dr	Leonardtown	MD	20650	Singlair Model TNT®	1956	1902000911
2014	SM19BMP050713	Deana Payne	43805 Mustang CT	Hollywood	MD	20636	Singlair Model TNT®	1979	1906016200
2019	SM19BMP050714	ROBERT DAVIS	43827 DRUM CLIFF RD	Hollywood	MD	20636	Singlair Model TNT®	1974	1906021360
2017	SM19BMP050715	SUSAN DRESSLER and James Duncan	43836 Avon Way	Leonardtown	MD	20650	Singlair Model TNT®	1958	1902014874
2018	SM19BMP050716	JULIE BROWN-RUND	43840 AVON WAY	Leonardtown	MD	20650	Singlair Model TNT®	1963	1902002620
2011	SM19BMP050717	James Duncan	43865 Avon Way	Leonardtown	MD	20650	Singlair Model TNT®	2004	1902002256
2011	SM19BMP050718	Gary Howard and Cindy Howard	43903 BARNEGATE WAY	Leonardtown	MD	20650	Advantex AX20®	1975	1902007819
2016	SM19BMP050719	Joe and Jan Strohmeier	43988 Blake Creek RD	Leonardtown	MD	20650	Singlair Model TNT®	1978	1902007606
2013	SM19BMP050720	David McGowan	44024 Medleys Neck RD	Leonardtown	MD	20650	Advantex AX20®	1996	1902027828
2016	SM19BMP050721	Thomas Breslin	44102 St. Andrews LN	Leonardtown	MD	20650	Singlair Model TNT®	1967	1908029989
2016	SM19BMP050722	Robert Cobb	44235 Clarks Landing RD	Hollywood	MD	20636	Singlair Model TNT®	1970	1906011861
2016	SM19BMP050723	James Magill	44351 Magill LN	Hollywood	MD	20636	Singlair Model TNT®	1991	1906021271
2009	SM19BMP050724	Mark F. Eversberg	44491 Richey Rd	Leonardtown	MD	20650	Singlair Model TNT®	1987	1902004283
2012	SM19BMP050725	Brian Channell	44535 Brewer LN	Leonardtown	MD	20650	Singlair Model TNT®	1988	1902026171
2015	SM19BMP050726	Howard Britton	44546 Springer RD	Valley Lee	MD	20692	Hoot BNR®	1962	1902002485
2016	SM19BMP050727	Mary A. Vaughan	44558 Springer RD	Valley Lee	MD	20692	Singlair Model TNT®	1968	1902019523
2016	SM19BMP050728	William Goodman	44560 Forrest Landing RD	Hollywood	MD	20636	Singlair Model TNT®	1965	1906005586
2014	SM19BMP050729	Richard Krasnesky	44634 Smiths Nursery RD	Hollywood	MD	20636	Advantex AX20®	1986	1906042961
2011	SM19BMP050730	Derek Lenning	44636 Three Coves Rd	Hollywood	MD	20636	Singlair Model TNT®	2000	1906061168
2015	SM19BMP050731	Mark Adams	44664 Springer RD	Valley Lee	MD	20692	Singlair Model TNT®	1950	1902019531
2014	SM19BMP050732	Robert Buckley	44696 Boxwood DR	Callaway	MD	20620	Hoot BNR®	1997	1902032694
2011	SM19BMP050733	Steven Ritchie and Patricia Ritchie	44722 Three Coves Rd	Hollywood	MD	20636	Singlair Model TNT®	1979	1906022081
2009	SM19BMP050734	Charles and Mary Ann Springer	44750 Springer RD	Valley Lee	MD	20692	Singlair Model TNT®	1928	1902019515
2019	SM19BMP050735	PATRICIA WILLIAMS	44763 EMMA LN	Hollywood	MD	20636	Singlair Model TNT®	1978	1906034748
2012	SM19BMP050736	Joe Lynch	44826 Three Coves RD	Hollywood	MD	20636	Singlair Model TNT®	1951	1906019102
2016	SM19BMP050737	John Weiner	44868 Blake Creek RD	Leonardtown	MD	20650	Singlair Model TNT®	1970	1902021358
2009	SM19BMP050738	Rose Hill Builders	44898 Rickle Hill LN	Callaway	MD	20620	Singlair Model TNT®	1989	1902025876
2013	SM19BMP050739	Bernard Jones	44950 Blackstone CIR	Hollywood	MD	20636	Hoot BNR®	1972	1906028268
2013	SM19BMP050740	Mark Millen	44985 Blackstone Cir	Hollywood	MD	20636	Singlair Model TNT®	2005	1906059422
2016	SM19BMP050741	Patrick Dean	45025 Millstone LN	Hollywood	MD	20636	Singlair Model TNT®	2006	1906031773
2013	SM19BMP050742	Mary Leonhardt	45045 Clarks Mill RD	Hollywood	MD	20636	Advantex AX20®	1951	1906000584
2015	SM19BMP050743	Gerald Moran	45046 Irvin ST	Hollywood	MD	20636	Singlair Model TNT®	1965	1906023207
2019	SM19BMP050744	LESLIE BEAUREGARD	45058 IRVIN ST	Hollywood	MD	20636	Singlair Model TNT®	1965	1906026184
2018	SM19BMP050745	Jeffrey Tomcsik	45065 SMITH NURSERY RD	Hollywood	MD	20636	Singlair Model TNT®	2005	1901014056
2012	SM19BMP050746	Carl Whitley	45076 Blackstone CIR	Hollywood	MD	20636	Hoot BNR®	1968	1906013473
2013	SM19BMP050747	Rose Adams	45089 Smith Nursery RD	Hollywood	MD	20636	Singlair Model TNT®	1957	1906000444
2015	SM19BMP050748	Christopher Tyner	45182 Nats Creek RD	Hollywood	MD	20636	Singlair Model TNT®	1983	1906043437
2010	SM19BMP050749	Charles and Joyce Christman	45186 Christman RD	Hollywood	MD	20636	Singlair Model TNT®	1979	1906036988
2014	SM19BMP050750	Barry Schimpf	45188 Saint Cuthbert Farm RD	Hollywood	MD	20636	Singlair Model TNT®	1969	1906003419
2015	SM19BMP050751	Francisco Kuidlan	45210 Christman LN	Hollywood	MD	20636	Singlair Model TNT®	2010	1906022014
2012	SM19BMP050752	Lawrence Tierney	45211 Cove Manor RD	California	MD	20619	Advantex AX20®	1983	1908060533
2011	SM19BMP050753	Kate and Michael Mauck	45215 Scotch Neck Rd	Hollywood	MD	20636	Advantex AX20®	1978	1906029159
2010	SM19BMP050754	Richard Selby	45222 Nats Creek Rd	Hollywood	MD	20636	Singlair Model TNT®	1958	1906029345
2014	SM19BMP050755	Lisa Rhine	45225 Cove Manor RD	California	MD	20619	Advantex AX20®	1969	1908028028
2014	SM19BMP050756	Alan Schick	45230 Cove Manor RD	California	MD	20619	AdvantexRT®	1968	1908031495
2014	SM19BMP050757	Claire and Winston Dillard	45235 Cove Manor Rd	California	MD	20619	Advantex AX20®	1967	1908016097
2018	SM19BMP050758	JEFF KNOTT	45235 NATS CREEK RD	Hollywood	MD	20636	Singlair Model TNT®	1904	1906023894
2018	SM19BMP050759	KEVIN SNODE	45255 CLARKS MILL RD	Hollywood	MD	20636	Singlair Model TNT®	1970	1906025358
2016	SM19BMP050760	Craig Wright	45257 Nats Creek RD	Hollywood	MD	20636	Advantex AX20®	1950	1906035566
2019	SM19BMP050761	NICK TSIRIGOTIS	45275 CLARKS MILL RD	Hollywood	MD	20636	Singlair Model TNT®	1961	1906010571
2017	SM19BMP050762	JAMES H. QUINN	45276 Clarks Landing RD	Hollywood	MD	20636	Singlair Model TNT®	1942	1906005764
2012	SM19BMP050763	Ronald Glockner	45277 Daniels Rd	Hollywood	MD	20636	Singlair Model TNT®	1976	1906031099
2015	SM19BMP050764	James Thompson	45283 Happyland RD	Valley Lee	MD	20692	Hoot BNR®	2004	1902020572
2009	SM19BMP050765	Joseph Jenkins	45295 Clarks Mill Rd	Hollywood	MD	20636	Hoot BNR®	1960	1906035078
2012	SM19BMP050766	John Shepherd	45335 Scotch Neck Rd	Hollywood	MD	20636	Singlair Model TNT®	1968	1906008720
2011	SM19BMP050767	Daniel Syndor	45357 Daniels RD	Hollywood	MD	20636	Singlair Model TNT®	1980	1906013430
2013	SM19BMP050768	Phillip Shafer	45359 Sypher RD	California	MD	20619	Singlair Model TNT®	1973	1908042683
2014	SM19BMP050769	Jennifer Kosich	45360 Clark's Mill RD	Hollywood	MD	20636	Advantex AX20®	1991	1906030084
2013	SM19BMP050770	Joseph Cullison and Margaret Cullison	45382 Sypher RD	California	MD	20619	Singlair Model TNT®	1947	1906029841
2011	SM19BMP050771	Frank Houser	45405 Clarks Landing Rd	Hollywood	MD	20636	Advantex AX20®	1963	1903024555
2017	SM19BMP050772	SAMUEL THOMPSON	45543 DEER CROSSING LN	California	MD	20619	Singlair Model TNT®	1974	1908045135
2014	SM19BMP050773	Julie Delaney	45549 Deer Crossing LN	California	MD	20619	Hoot BNR®	1980	1908050570
2015	SM19BMP050774	Tom Maddison	45600 Seven Gables LN	California	MD	20619	Singlair Model TNT®	1998	1908107572
2012	SM19BMP050775	Barbara Herbig	45603 Ford Dr	Lexington Park	MD	20653	Singlair Model TNT®	1970	1908008094
2012	SM19BMP050776	Michael Guy	45623 Medley's Neck RD	Leonardtown	MD	20650	Singlair Model TNT®	1965	1902000792
2016	SM19BMP050777	Jeremy Shultz	45643 Linden LN	Lexington Park	MD	20653	AdvantexRT®	1960	1908050422
2017	SM19BMP050778	CHARLENE STAATS	45796 Spruce DR	Lexington Park	MD	20653	Singlair Model TNT®	1964	1908041105
2013	SM19BMP050779	John Wharton	45853 Patuxent LN	California	MD	20619	Singlair Model TNT®	1996	1908035687
2018	SM19BMP050780	Deloise McDuffie(Wills)	45873 Guenther DR	Great Mills	MD	20634	AdvantexRT®	1974	1902018446
2013	SM19BMP050781	Jack Greer	45923 East Quincy Terrace	Lexington Park	MD	20653	Advantex AX20®	1960	1908014671

2013	SM19BMP050782	Danny Smith	45926 East Quincy Terrace DR	Lexington Park	MD	20653	Advantex AX20®	1959	1908036624
2016	SM19BMP050783	D.DAVID CARTER	45927 Harbor LN	Lexington Park	MD	20653	Singlair Model TNT®	1958	1908033447
2016	SM19BMP050784	George Musgrove	45940 Patuxent LN	California	MD	20619	Advantex AX20®	1930	1908033897
2016	SM19BMP050785	Robert Blades	45942 Harbor Ln.	Lexington Park	MD	20653	Singlair Model TNT®	1957	1908031037
2014	SM19BMP050786	Beverly Aldridge	45946 East Quincy Terrace	Lexington Park	MD	20653	Advantex AX20®	1959	1908000522
2009	SM19BMP050787	Virginia Green Sr.	45961 Clarks Rd	California	MD	20619	Hoot BNR®	1968	1908028389
2015	SM19BMP050788	Joan Theodore	45965 East Sunrise DR	Lexington Park	MD	20653	Advantex AX20®	1952	1908041091
2015	SM19BMP050789	Robert Garner	45973 Clarks RD	California	MD	20619	Singlair Model TNT®	2013	1908046808
2013	SM19BMP050790	Thomas Laxus	45975 East Sunrise DR	Lexington Park	MD	20653	Advantex AX20®	1955	1908047537
2007	SM19BMP050791	Russell E. Knieser	45982 Clarks Rd	California	MD	20619	Singlair Model TNT®	1940	1908006997
2016	SM19BMP050792	Jenifer Dell	45989 Rolling Rd	Lexington Park	MD	20653	Singlair Model TNT®	1956	1908046549
2009	SM19BMP050793	Marilyn Cullivan	45991 Clarks Rd	California	MD	20619	Hoot BNR®	1960	1908041024
2013	SM19BMP050794	David Wick	45995 East Sunrise DR	Lexington Park	MD	20653	Advantex AX20®	1952	1908032246
2007	SM19BMP050795	Frank R. Ferney	46015 Clarks RD	California	MD	20619	RetroFAST®	1935	1908023301
2013	SM19BMP050796	Michael Funya	46065 East Sunrise DR	Lexington Park	MD	20653	Advantex AX20®	1962	1908033986
2012	SM19BMP050797	William Small	46135 River Hill Rd	Lexington Park	MD	20653	Singlair Model TNT®	1952	1908049645
2017	SM19BMP050798	James NOBLE	46138 River Hill RD	Lexington Park	MD	20653	Singlair Model TNT®	1955	1908027854
2008	SM19BMP050799	Thomas and Catherine Gardner	46142 Drayden RD	Drayden	MD	20630	RetroFAST®	1980	1902011069
2009	SM19BMP050800	Constance Zimmer	46301 Hattons Rest LN	Lexington Park	MD	20653	Hoot BNR®	1966	1908099170
2014	SM19BMP050801	Bernard Jones	46380 Lore CT	Lexington Park	MD	20653	Hoot BNR®	1986	1908051801
2013	SM19BMP050802	Irene Logan Trust	46478 Cherryfield LN	Drayden	MD	20630	Singlair Model TNT®	1960	1902017113
2009	SM19BMP050803	Sonny H. Fann	46495 Dockside Ln	Drayden	MD	20630	Advantex AX20®	1980	1902005492
2015	SM19BMP050804	Dennis Point Marina and Restaurant	46525 Dennis Point Way	Drayden	MD	20630	Advantex AX20®	1997	1902006146
2011	SM19BMP050805	Kathleen and Alfred Lacer	46556 Glen Mary Farm Rd	Park Hall	MD	20667	Singlair Model TNT®	1978	1908025959
2018	SM19BMP050806	SHIRLEY LONG	46580 PURCELL FARM LN	Drayden	MD	20630	Singlair Model TNT®	1980	1902015536
2014	SM19BMP050807	Thomas Morgan	46658 Breannes LN	Lexington Park	MD	20653	Singlair Model TNT®	2002	1908094292
2009	SM19BMP050808	Jonathan Lachkovic	46667 Flower of the Forest RD	Lexington Park	MD	20653	Advantex AX20®	1947	1908014280
2011	SM19BMP050809	DNR	46703 Beachville RD	St Inigoes	MD	20684	Singlair Model TNT®	1970	1901019147
2009	SM19BMP050810	David Reumont	46860 Frog's Marsh Rd	Drayden	MD	20630	Waterloo Biofilter®	1984	1902006855
2013	SM19BMP050811	Trish Cole	47255 S. Snow Hill Manor RD	St. Mary's City	MD	20686	Singlair Model TNT®	2011	1901000284
2019	SM19BMP050812	JOHN BOHANAVALA	47265 SOUTH SNOW HILL RD	Lexington Park	MD	20653	Singlair Model TNT®	1949	1901002414
2009	SM19BMP050813	Kevin Newbold	47447 South Snow Hill Manor Rd	St. Mary's City	MD	20686	Advantex AX20®	1952	1901008382
2009	SM19BMP050814	James Hardin	47450 South Snow Hill Manor Rd	St. Mary's City	MD	20686	Advantex AX20®	1953	1901042424
2009	SM19BMP050815	Michael A. Smolek and Janice Smolek	47516 Lucas Cove Ln	Lexington Park	MD	20653	Advantex AX20®	1940	1901020730
2019	SM19BMP050816	Linda Hopkins	47522 Lucas Cove LN	Lexington Park	MD	20653	AdvantexRT®	1977	1901012312
2017	SM19BMP050817	JOAN MULLEN	47556 South Snow Hill Manor RD	Saint Marys City	MD	20686	Singlair Model TNT®	1944	1901027409
2014	SM19BMP050818	Ed Campbell	47700 Lucas Cove RD	Lexington Park	MD	20653	Singlair Model TNT®	1990	1901027077
2012	SM19BMP050819	Tracy Summers	47722 My Way	St Inigoes	MD	20684	Singlair Model TNT®	1975	1908040486
2013	SM19BMP050820	Mark Lysaght	47815 Kittamaquund LN	Lexington Park	MD	20653	Singlair Model TNT®	2006	1901036467
2011	SM19BMP050821	Nicholson Parker	47840 Cross Manor Rd	St Inigoes	MD	20684	Singlair Model TNT®	1980	1901019732
2017	SM19BMP050822	RON FISHMAN	47880 CROSS MANOR RD	St Inigoes	MD	20684	Singlair Model TNT®	1974	1901008803
2013	SM19BMP050823	James Carr and Judith Carr	47892 Buena Vista LN	Lexington Park	MD	20653	Singlair Model TNT®	1964	1901024523
2012	SM19BMP050824	Stephen Barnard	47914 Red Cedar Ln	Lexington Park	MD	20653	Singlair Model TNT®	1952	1901013017
2015	SM19BMP050825	Kenneth Clemens	47956 Waterview DR	St. Inigoes	MD	20684	Singlair Model TNT®	1967	1901021680
2015	SM19BMP050826	Angel Gue	47978 Beachville RD	St. Inigoes	MD	20684	Singlair Model TNT®	2014	1901021214
2013	SM19BMP050827	Charles Jackson and Emily Jackson	48045 Freehold DR	Lexington Park	MD	20653	Singlair Model TNT®	1964	1901035312
2014	SM19BMP050828	David Layman	48047 Post Oak RD	Saint Inigoes	MD	20684	Hoot BNR®	1978	1901019651
2013	SM19BMP050829	Janice Ridgell	48169 Beachville RD	St. Inigoes	MD	20684	Advantex AX20®	2010	1901018787
2019	SM19BMP050830	JOHN S MORRIS	48182 JUTLAND FARM RD	St. Inigoes	MD	20684	Singlair Model TNT®	1904	1901015605
2008	SM19BMP050831	Robert Groat	48186 Mulberry LN	Saint Inigoes	MD	20684	Hoot BNR®	1968	1901035703
2013	SM19BMP050832	Douglas McElfresh and Ann McElfresh	48387 Wynne RD	Ridge	MD	20680	Singlair Model TNT®	1944	1901015842
2015	SM19BMP050833	Bruce Scheible	48485 Wynne RD	Ridge	MD	20680	Singlair Model TNT®	1970	1901020900
2017	SM19BMP050834	Ron Brown	48591 Bean RD	Ridge	MD	20680	Hoot BNR®	1995	1901010662
2016	SM19BMP050835	Beal Dunbar	48632 Wynne RD	Ridge	MD	20680	Singlair Model TNT®	1967	1901021257
2014	SM19BMP050836	Justin Ailies	48826 Fox Harbor RD	Ridge	MD	20680	Singlair Model TNT®	1900	1901025112
2018	SM19BMP050837	DOROTHY GANT	48852 SEASIDE VIEW RD	Ridge	MD	20680	Singlair Model TNT®	1969	1901009281
2013	SM19BMP050838	Deborah O'Donnell	48853 Havirland RD	Lexington Park	MD	20653	Singlair Model TNT®	1989	1902026678
2017	SM19BMP050839	JOSEPH FORREST	49155 WYNNE RD	Ridge	MD	20680	Singlair Model TNT®	1971	1901009044
2009	SM19BMP050840	Maryland Department of Natural Resources	49300 St James Church Rd	Lexington Park	MD	20653	SeptiTech®	1925	1901006169
2010	SM19BMP050841	Edward Reynolds	49548 Bay Forest Rd	Lexington Park	MD	20653	Singlair Model TNT®	1956	1901014935
2010	SM19BMP050842	George Michael Horne	49566 Cornfield Harbor Rd	Scotland	MD	20687	Singlair Model TNT®	1957	1901005162
2014	SM19BMP050843	William Pulliam	49590 Freeman's Rd	Ridge	MD	20680	Singlair Model TNT®	1957	1901017691
2018	SM19BMP050844	RAYMOND HAWKINS	49611 FRESH POND NECK RD	Scotland	MD	20687	Singlair Model TNT®	1960	1901010735
2018	SM19BMP050845	RAYMOND HAWKINS	49611 FRESH POND NECK RD	Scotland	MD	20687	Drainfield	1960	1901010735
2016	SM19BMP050846	TIM DEAN	49653 BUZZ'S MARINA WAY	Ridge	MD	20680	Singlair Model TNT®	2015	1901035436
2012	SM19BMP050847	Joseph and Christy Henderson	49675 Buzz's Marina Way	Ridge	MD	20680	Singlair Custom	2007	1901035541
2012	SM19BMP050848	Joseph and Christy Henderson	49675 Buzz's Marina Way	Ridge	MD	20680	Singlair Model TNT®	2007	1901035541
2012	SM19BMP050849	Barbara Winters	49722 Bayne Rd	Ridge	MD	20680	Singlair Model TNT®	1947	1901005138
2013	SM19BMP050850	David Thompson	49730 School House LN	Dameron	MD	20628	Singlair Model TNT®	2006	1901046454
2012	SM19BMP050851	Joseph Greer	49744 Cedar LN	Dameron	MD	20628	Singlair Model TNT®	1975	1901009966
2015	SM19BMP050852	Doug Belvin	49777 Bayne RD	Ridge	MD	20680	Advantex AX20®	1961	1901018493

2010	SM19BMP050853	James Wood and Lucy Wood	49806 Fresh Pond Neck Rd	Ridge	MD	20680	Singulair Model TNT®	1959	1901044451
2019	SM19BMP050854	VANCE WITTLES	49940 ELIZABETH DR	Dameron	MD	20628	Singulair Model TNT®	1964	1901003607
2009	SM19BMP050855	Chris Alvey	50041 Hawley Manor RD	Dameron	MD	20628	Advantex AX20®	1998	1901042750
2016	SM19BMP050856	Martha Patterson	50185 Hays Beach RD	Scotland	MD	20687	Singulair Model TNT®	2010	1901007238
2011	SM19BMP050857	John Spinichia	50355 Fresh Pond Neck Rd	Ridge	MD	20680	Advantex AX20®	1950	1901006959
2015	SM19BMP050858	John Carbone	50419 Rodo Beach RD	Scotland	MD	20687	Singulair Model TNT®	1960	1901024051
2014	SM19BMP050859	David Smooth	50423 Fresh Pond Neck RD	Ridge	MD	20680	Singulair Model TNT®	1983	1901000926
2012	SM19BMP050860	Patricia Teeffey	50461 Fresh Pond Neck Rd	Ridge	MD	20680	Advantex AX20®	1935	1901018736
2014	SM19BMP050861	WOODROW WESTCOAT	50675 HOLLY POINT RD	Dameron	MD	20628	Singulair Model TNT®	2006	1901000489
2012	SM19BMP050862	Linda Travers	50815 Holly Point Rd	Dameron	MD	20628	Singulair Model TNT®	1971	1901012738
2019	SM20BMP050893	CHRIS DOROSZ	17672 ST. INIGOES ROAD	Saint Inigoes	MD	20684	Singulair Model TNT®	1979	1901020617
2020	SM20BMP050894	JEFFREY PHARIS	18101 HOLLY LANE	Saint Inigoes	MD	20684	Singulair Model TNT®	1987	1901035274
2020	SM20BMP050895	REGINALD CUFFEE	46725 WEST SAINT MARY'S ROAD	Draden	MD	20630	Singulair Model TNT®	2007	1902043017
2019	SM20BMP050896	DIANE O'BRIEN	42155 WHITE POINT ROAD	Leonardtown	MD	20650	Singulair Model TNT®	1927	1903009742
2019	SM20BMP050897	CARL STUTTS	43669 POTOMAC SHORE ROAD	Leonardtown	MD	20650	Singulair Model TNT®	1952	1902017806
2019	SM20BMP050898	CHERYL EAST	30125 DUDLEY DRIVE	Mechanicsville	MD	20659	Singulair Model TNT®	1977	1905003512
2020	SM20BMP050899	RAYMOND STEWART	25906 SOUTH SANDGATES ROAD	Mechanicsville	MD	20659	Singulair Model TNT®	1968	1906030971
2020	SM20BMP050900	JOHN BLAZER	41440 KNIGHT ROAD	Leonardtown	MD	20650	Singulair Model TNT®	1900	1903007227
2019	SM20BMP050901	CHARLENE CRAIG	36869 WOODBUSH ROAD	Bushwood	MD	20618	Singulair Model TNT®	1970	1907027222
2019	SM20BMP050902	CHRIS LONG	37294 RIVER SPRING ROAD	Avenue	MD	20609	Singulair Model TNT®	1947	1907031475
2019	SM20BMP050903	LESLIE WOOD	24197 NORTH PATUXENT BEACH ROAD	California	MD	20619	Singulair Model TNT®	1953	1908014965
2019	SM20BMP050904	ALAN DENNER	45909 EAST QUINCY TERRACE	Lexington Park	MD	20653	Singulair Model TNT®	1957	1908017352
2020	SM20BMP050905	SUNORA WILBAR	24131 NORTH PATUXENT BEACH ROAD	California	MD	20619	Singulair Model TNT®	1948	1908049661
2020	SM20BMP050906	WILLIAM HARDING	22880 GUNSTON DRIVE	Lexington Park	MD	20653	Singulair Model TNT®	1978	1908051186
2019	SM20BMP050907	BLAIN SUMMERS	47733 MY WAY	Saint Inigoes	MD	20684	Singulair Model TNT®	1986	1901005561
2019	SM20BMP050908	HOWARD GOFUS	18080 SHIPPING POINT ROAD	Lexington Park	MD	20683	Advantex AX20®	1968	1901008145
2020	SM20BMP050909	MICHELLE LEVY	15350 HOLLY DRIVE	Scotland	MD	20680	Advantex AX20®	1963	1901009834
2019	SM20BMP050910	JOHN LEVAY	47918 TRANQUILITY LANE	St Mary's City	MD	20686	Singulair Model TNT®	1956	1901013688
2019	SM20BMP050911	PEGGY BINZEL	14940 CHESAPEAKE BAY DRIVE	Scotland	MD	20687	Singulair Model TNT®	1996	1901016288
2019	SM20BMP050912	JAMES GREIS	17690 SAINT INIGOES ROAD	Saint Inigoes	MD	20684	Singulair Green®	1982	1901020633
2019	SM20BMP050913	FRANCES TITUS	49697 BAYNE ROAD	Ridge	MD	20680	Singulair Model TNT®	1965	1901023217
2019	SM20BMP050914	TIMOTHY BURNELL	49669 BAYNE ROAD	Ridge	MD	20680	Singulair Model TNT®	1961	1901025996
2019	SM20BMP050915	KIM REYNOLDS	18511 WOOD ROAD	Lexington Park	MD	20653	Singulair Model TNT®	1890	1901027158
2019	SM20BMP050916	ROBERT GROAT AND WILLIAM ARMIGER	48186 MULBERRY LANE	Saint Inigoes	MD	20684	Hoot BNR®	1968	1901035703
2019	SM20BMP050917	RICHARD TEACHOUT	44074 BLAKE CREEK ROAD	Leonardtown	MD	20650	Singulair Model TNT®	1933	1902000385
2020	SM20BMP050918	KELSEY GRIMES	45893 GUENTHER DRIVE	Great Mills	MD	20634	Singulair Model TNT®	1973	1902014963
2019	SM20BMP050919	TRACY BURRUSS	19070 RUSSELL ROAD	Valley Lee	MD	20692	Singulair Model TNT®	2007	1902018187
2020	SM20BMP050920	JEFF ERRINGTON	40315 DRURY LANE	Leonardtown	MD	20650	Singulair Model TNT®	1947	1903004600
2020	SM20BMP050921	MITCH BAUMAN	41048 CRYER COURT	Leonardtown	MD	20650	Singulair Model TNT®	2003	1903006166
2020	SM20BMP050922	KIRK WINDSOR	40835 SPRING HOUSE LANE	Leonardtown	MD	20650	Singulair Model TNT®	1978	1903030334
2019	SM20BMP050923	JOHN DENNIS	20250 WHITE POINT ROAD	Leonardtown	MD	20650	Singulair Model TNT®	1969	1903034607
2019	SM20BMP050924	PETER WAGNER	20110 POPLAR HILL CREEK LANE	Leonardtown	MD	20650	Singulair Model TNT®	1987	1903039641
2020	SM20BMP050925	KENNETH HODKIEWICZ	46014 ROLLING ROAD	Lexington Park	MD	20653	Singulair Model TNT®	1955	1908032114
2019	SM20BMP050926	SIDNEY WILKINSON	26995 MILL SEAT DRIVE	Mechanicsville	MD	20659	Hoot BNR®	1979	1904023412
2019	SM20BMP050927	JOSEPH BRIDGETT	27865 THOMPSON CORNER ROAD	Mechanicsville	MD	20659	Singulair Model TNT®	1969	1905002419
2020	SM20BMP050928	ELIZABETH ECKLEY	40327 DOCKSER DRIVE	Mechanicsville	MD	20659	Singulair Model TNT®	1961	1905002567
2019	SM20BMP050929	JUSTIN BUCKLER	29890 ROOFTOP CIRCLE	Mechanicsville	MD	20659	Singulair Model TNT®	1975	1905007712
2020	SM20BMP050930	MARY ANN BLANKENSHIP	45760 NANCY LANE	Great Mills	MD	20634	Singulair Model TNT®	1950	1908007845
2020	SM20BMP050931	KARLA LANGHUS	39647 OAKLEAF CIRCLE	Mechanicsville	MD	20659	FujiClean CEN	1989	1905012694
2020	SM20BMP050932	FREDERICK EVANS	24035 ANN LANE	California	MD	20619	Singulair Model TNT®	1977	1908028990
2019	SM20BMP050933	GERALD SCHAUER	29991 RONALD DRIVE	Mechanicsville	MD	20659	Singulair Model TNT®	1987	1905021545
2019	SM20BMP050934	DENNIS MCGURK	30016 RONALD DRIVE	Mechanicsville	MD	20659	Singulair Model TNT®	1979	1905025494
2019	SM20BMP050935	MICHAEL FOWLER	29951 RONALD DRIVE	Mechanicsville	MD	20659	Singulair Model TNT®	1959	1905025907
2019	SM20BMP050936	DEREK RIVERA	40147 DOCKSER DRIVE	Mechanicsville	MD	20659	Singulair Model TNT®	1963	1905026180
2020	SM20BMP050937	KANDAUR CAPITAL CORP	29686 SKYVIEW DRIVE	Mechanicsville	MD	20659	Singulair Model TNT®	1975	1905019850
2020	SM20BMP050938	WADE MOODY	29854 THERESE CIRCLE	Mechanicsville	MD	20659	Singulair Model TNT®	1985	1905037956
2020	SM20BMP050939	KARLA LANGHUS	28064 PASTOR COURT	Mechanicsville	MD	20659	FujiClean CEN	2002	1905049474
2020	SM20BMP050940	KIMBERLY KASPAR	25466 JOSEPH WAY	Hollywood	MD	20636	Singulair Model TNT®	1974	1906003060
2019	SM20BMP050941	MIKE HUSICK	25029 BRISCOE ROAD	Hollywood	MD	20636	Singulair Model TNT®	1959	1906007546
2020	SM20BMP050942	BLACKSTONE MARINA	24845 MARINA WAY	Hollywood	MD	20646	Singulair Model TNT®	2005	1906011969
2020	SM20BMP050943	DAVE MASON	45059 NOLAN COURT	Hollywood	MD	20636	Singulair Model TNT®	1967	1906015247
2020	SM20BMP050944	TRACEY MCKAY	24670 GREENVIEW DRIVE	Hollywood	MD	20636	Singulair Model TNT®	1987	1906023673
2020	SM20BMP050945	STEVEN SEDWICK	25020 BRISCOE THOMPSON WAY	Hollywood	MD	20636	Singulair Model TNT®	1978	1906037259
2019	SM20BMP050946	ANDY CATHER	38760 VAN WARD ROAD	Abell	MD	20606	Singulair Model TNT®	1968	1907001304
2020	SM20BMP050947	MIRIAM MOSTASFA	36932 PRATT ROAD	Bushwood	MD	20618	Singulair Model TNT®	1960	1907002920
2019	SM20BMP050948	KENNETH TENNYSON	20968 ABELL ROAD	Abell	MD	20606	Singulair Model TNT®	2012	1907018150
2019	SM20BMP050949	JAMES BURROUGHS	20870 BAYSWATER WAY	Abell	MD	20606	Singulair Model TNT®	1945	1907018762
2020	SM20BMP050950	FRANCIS COUNTISS	22694 UPLAND DRIVE	Bushwood	MD	20618	Singulair Model TNT®	1959	1907019734
2020	SM20BMP050951	SYLESTINE MORTON	36794 OWENS DRIVE	Chaptico	MD	20621	Singulair Model TNT®	1967	1907023707
2019	SM20BMP050952	JACQUELYN SOLA	20684 ABELL ROAD	Abell	MD	20606	Singulair Model TNT®	1930	1907027648

2019	SM20BMP050953	WILLIAM MATTINGLY	21388 ABELL ROAD	Abell	MD	20606	Singulair Model TNT®	1950	1907032870
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Appendix G
Potential Treatment for BMPs Missing
As-Builts

Table G.1. BMPs Missing As-Built with Design Plans/Computations

BMP ID	GP No.	BMP Name	BMP Type	Pe (in.)	Impervious Credit (ac.)*
SM10BMP010031	04-15	MD BANK AND TRUST BMP 1	Bioretention	2.70	0.11
SM10BMP010032	04-15	MD BANK AND TRUST BMP 2	Bioretention	2.70	0.09
SM10BMP010067	91-01	THE GREENS AT HILTON RUN	Retention Pond (Wet Pond)	1.00	13.20
SM10BMP010080	91-11	ESSEX SOUTH SECT 4B AND C	Retention Pond (Wet Pond)	0.61	2.42
SM10BMP010136	89-45	WESTBURY	Retention Pond (Wet Pond)	2.70	11.18
SM10BMP010161	04-01	BOOKKEEPING BY BLANCHE	Sand Filter	0.51	0.11
SM10BMP010201	10-38	MCDONALDS LAUREL GLEN	Retention Pond (Wet Pond)	0.53	13.68
SM10BMP010218	89-20	WILDEWOOD MALL BMP 1	Retention Pond (Wet Pond)	0.50	8.79
SM10BMP010151	00-08	GREENVIEW WEST TOWNHOMES	Retention Pond (Wet Pond)	1.00	10.73
SM10BMP010209	99-25	FIRST COLONY BMP 3	Bioretention	0.14	0.80
SM10BMP010253	89-20	WILDEWOOD MALL BMP 2	Pretreatment	0.50	9.21
SM10BMP010512	92-04	GREEN HOLLY ELEM SCH BMP 2	Bioretention	0.93	0.86
SM12BMP010581	04-31	GATEWAY RESIDENTIAL DEV BMP 1	Sand Filter	1.00	0.52
SM12BMP010582	04-31	GATEWAY RESIDENTIAL DEV BMP 2	Underground Filter	1.26	0.70
SM13BMP010172	01-09	ESPERANZA COMM PARK/STORAGE USA PH 2	Retention Pond (Wet Pond)	0.47	2.63
				Total =	75.04

*Potential credit determined from provided plans and design computations

Table G.2. BMPs Missing As-Built without Design Plans/Computations

BMP ID	GP No.	BMP Name	BMP Type	Pe (in.)	Impervious Credit (ac.)*
SM10BMP010011	91-32	FLOWERS OF THE FOREST	Retention Pond (Wet Pond)	1.00	10.06
SM10BMP010073	98-15	SHANGRI-LA OFFICE COMPLEX	Extended Detention Structure, Wet	1.00	1.79
SM10BMP010156	87-47	SAN SOUCI EST SECT 3, 5 & 6	Retention Pond (Wet Pond)	1.00	9.64
SM10BMP010220	SM-13	WILDEWOOD LAKE BMP 2	Retention Pond (Wet Pond)	1.00	6.71
SM10BMP010222	SM-13	WILDEWOOD LAKE BMP 1	Retention Pond (Wet Pond)	1.00	9.30
SM12BMP010589	SM-15	GREAT MILLS RD POOL	Shallow Marsh	1.00	4.56
SM13BMP010593	02-09	LEXINGTON PARK LIBRARY BMP 1	Bioretention	1.00	0.72
SM13BMP010594	02-09	LEXINGTON PARK LIBRARY BMP 2	Bioretention	1.00	0.42
SM13BMP010595	02-09	LEXINGTON PARK LIBRARY BMP 3	Bioretention	1.00	0.69
SM13BMP010626	12-12	WILDEWOOD RECREATION CENTER BMP 2	Micro-Bioretention	1.00	0.35
SM13BMP010643	10-34	COMFORT INN AND SUITES BMP 1	Bioretention	1.00	0.06
SM13BMP010644	10-34	COMFORT INN AND SUITES BMP 2	Bioretention	1.00	0.26
SM15BMP010672	12-21	GREENVIEW KNOLLS APTS	Bioretention	1.00	0.02
SM16BMP010712	06-23	CECILS MILL SELF STORAGE BMP 2	Bioretention	1.00	0.49
				Total =	45.07

*Potential credit determined by assuminnng all facilities will provide 1" treatment

St. Mary's County

National Pollutant Discharge Elimination System Phase 2

Municipal Separate Storm Sewer System Minimum Control Measures Year 2 Progress Details Report



Prepared by

St. Mary's County

Department of Public Works

October 2020

PART IV. MINIMUM CONTROL MEASURES

As a Permittee, St. Mary's County (the County) must ensure that the following minimum control measures (MCMs) are implemented. The six MCMs are identified and addressed below.

These MCMS address;

- A. Public Education and Outreach,
- B. Public Involvement and Participation,
- C. Illicit Discharge Detection and Elimination,
- D. Construction Site Stormwater Runoff Control,
- E. Post Construction Stormwater Management, and
- F. Pollution Prevention and Good Housekeeping.

The Specific requirements for each MCM and the County's efforts towards compliance are identified below: The Summary reporting information is identified in the Permit's Appendix D Report Form included with this submission.

A. Public Education and Outreach

As a Permittee, the County is required to implement and maintain a public education and outreach program and distribute education materials to the community and employees to help reduce the discharge of pollutants caused by stormwater runoff.

Five basic activities are required for the County to comply with the permit.

- 1. Develop a process by which the public can report water quality complaints that must include a phone number, within one year of permit issuance.**

A Voice Messaging Hotline mailbox was established and made operable on August 27, 2019 including high level linkage on the St. Mary's County Government [Web page](#).

- 2. Determine the target audience within the jurisdiction and develop materials to educate the audience on the impact of stormwater.**

Studies to address the intent of this and several other MCMs were performed and the results received in the task reports as summary of that effort is presented in **MCM Appendix A**. As part of this effort, available materials for use in a public information plan were assessed and an outreach catalog of materials, assessed for their relevance to the target audiences and the materials suitability was created.

The assessment was based on a target audience identified in the Informal Report on MCMs provided with the County's Year 1 Report. Residential Audiences are routinely addressed through the County's support of, and collaborative efforts with the University of Maryland – Extension activities. The homeowner/resident group is there for well-represented and will continue to be a large part of the focus of these efforts. The

following additional Target Audiences were called out for additional focus: restaurants, marinas, garages, industrial/manufacturing with related spoils for disposal, and commercial/institutional with specific housekeeping disposal requirements numbers.

Using the Outreach Catalog described in the **MCM Appendix A** Subtask 2.1, the most applicable materials identified will be utilized for the upcoming public information campaign roll out.

The selections include multiple messages from individual campaigns that would allow for easy branding and are also appropriate for the County's primary audiences.

The Outreach Catalog identified a set of 17 useful sources with multiple materials a potential set of 116 information sources.

We do acknowledge that only a small subset of the presently available materials addresses the target audiences other than Residential. More to the point is that even those that do not explicitly address those audiences, they do target the behaviors that are intended to be addressed. A meeting with the university of Maryland Extension is currently under way to develop the Roll Out Plan which will identify what information will be developed for use, and in what time frames.

The Current Level of Information Content on the County Web Page are presented in **MCM Appendix B**.

3. Distribute stormwater educational materials through newsletters, websites, or other appropriate methods.

The University of Maryland (U of M) Extension currently performs stormwater engagement and awareness activities through presentations on residential SWM practices (rain barrels, rain gardens and composting) at County events 2-3 times a year. Due to the COVID-19 Emergency actions most of the events normally utilized to deliver in-person messages have been cancelled for the second half of FY2020. These efforts primarily target the resident and homeowner community with an eye towards eliciting Public Involvement.

Additionally, a number of these events are usually supported by County personnel to address pollution prevention under the auspices of the County's Solid Waste Management Program. Those efforts were also impacted by the health emergency.

These activities are focused on public education to reduce or process waste materials in an environmentally friendly manner and provide display and brochure information for both adults and children.

In 2019 display information was added to the Earth Day and County Fair events to address MS4 related public information content. Some of this information is displayed in **MCM Appendix C**. 500 Coloring Booklets and Crayon sets for Children were distributed along with recycling message bags and recycling brochures.

As of this writing, other than some materials posted to the County Website, broad distribution of the new materials has not begun. The Roll Out Plan is included in MCM Appendix A:

4. Develop and implement an annual employee training program that addresses appropriate topics to prevent or reduce the discharge of stormwater pollution

Under the Industrial Permit in place for the Solid Waste, annual training is currently provided to all members of the County workforce that access or populate that location. The annual training includes significant element to address Pollution Prevention. And is a part of the County's 12-SW-0656A, NPDES General Permit for Stormwater Associated with Industrial Activity. See also 2015-WMF-0138, Refuse Disposal Permit.

An element of the MCM developmental study (**MCM Appendix A, Task 1**) evaluated the County properties for Pollution Prevention (**P2**) and Good Housekeeping (**GHK**) which is also being utilized to develop the necessary training content for County employees that are not directly covered by the Industrial Permit's training requirements.

The **P2 & GHK** inspections were completed on September 24th, including training for the Engineering Technician charged with performing these inspections. The training development for staff responsible for those facilities is currently under development in accordance with a communication plan for The Training Plan Roll Out. The current intention is to complete that training in the 2nd half of FY 2021.

**MS4 Staff Training Program
Roll Out Plan**

1. MS4 Program Protocol Training
 - A. WBCM trained key staff (Dylan) on the formal **P2 & GHK** Annual Inspections Sept 2020
 - Annual Inspection results are reported with MCM report – Next report October 2022
 - B. WBCM trains key staff (Dylan/Yates) on the **IDDE** field inspections, and how to use the **IDDE** Manual (Nov/Dec 2020)
2. Management Introduction Roll Out - Nov/Dec 2020
 - A. MS4 Program Manager introduces training elements to Directors from R&P and DPW&T.
 - Emphasis on mandatory reporting vs site management custodial.
 - Identify interface with MS4
 - Describe available resources and training content
3. Initial **In-person** training - Jan/Feb 2021
 - A. WBCM trains the key managers on **P2 & GHK** Procedure Manual w/ a PPT presentation

- Emphasis on what to look for and how to respond during daily operations - be comfortable using the “self-check” procedures and checklists in the pending **P2 & GHK** Procedure Manual, which will be summarized in a PPT
- Have the managers decide which of their staff to be involved in Item 2 (and 3)
- B. Initial General Staff **On-Line** Training - Mar/Apr 2021
 - Use the CBN webcasts for **P2 & GHK** and **IDDE**
 - Have the recording incorporated into your IT training system – self-paced but required and recorded annually.
 - Require the staff identified by the managers in Items 3A to verify training is received for annual certification
- 4. Expanded **In-person** training – Potential for Expanded Use
 - A. County may offer **P2 & GHK** Procedure Manual training sessions developed for Item 3A
 - Recommend small groups (1 manager and all of his/her selected staff, or a few small groups with similar facilities/operations)
 - Potential for contractor and industrial and commercial owners/operators – look for broader participation by these groups in years 4-5. Potential to host the BCN webcasts on **P2 & GHK** too on channel 95.
 - B. County may offer **IDDE** Manual training developed in Item 1C
 - Reach out to the private sector to bring in industrial and commercial owners/operators – look for broader participation by these groups in years 4-5. Offer to host the BCN webcasts on IDDE too on channel 95.
 - C. County to facilitate small refresher field sessions with **IDDE** field inspection staff identified in Item 1C
- 5. Fully Implemented training (Years 4-5)
 - A. All elements above functioning
 - B. Fine-tuning of the materials; the PPTs can be reduced in content for either brevity or specificity.

5. Provide a description of how the education programs for this MCM complement and strengthen other programs of the MS4 permit.

The Pollution Prevention and Good Housekeeping (**P2 & GHK**) MCM envelopes multiple programs within the County:

- The Solid Waste Management Program routinely promotes pollution as a means of controlling the processing of waste materials thereby controlling their impact on the environment and indirectly on stormwater management
- Highway litter control, street sweeping, pesticide and salt control all benefit from an informed population’s understanding of these potential pollutants.

The Public Involvement and Participation MCM can only be accomplished through the continued education effort to inform the population of the breadth of the environmental

impacts and their possible roles in affecting meaningful changes. Creating that level of engagement requires informing people of the opportunities that exist.

The Illicit Discharge Detection and Elimination MCM relies on two elements in order to address these discharge events. While sampling inspections focus on the most probable detection points (outfalls) to produce results, there is a potential for significant additional success through and informed populace's reporting of those locations that appear to be polluting their locale. Reporting support from the populace requires the public information component in order that they be made aware of the problem. Specific information will continue to be made available through the public education materials and available source included in this MCM.

B. Public Involvement and Participation

The County is required to create and foster opportunities for public participation in the MS4 management program for controlling stormwater discharges.

In order to comply with this MCM, The County must:

1. Determine the target audience within the jurisdiction to promote public involvement and participation

The recommended target activities are aimed at the broad category of "County Residents" and intended to focus on adults, civic groups and organizations, and potential activities for youth through similar organizations and public school partnering.

The current scope of activities is aimed at adult residents. Some materials are presently utilized for younger children as part of the Solid Waste Public Information activities. Conceptual plans for additional audience segments will require additional development.

2. Specify activities appropriate for the target audience and promote participation;

The County continues to utilize its partnership with the University of Maryland Extension under their Sea Grant Extension Program. This past year they;

- a. Assisted the St. Mary's River Watershed Association in planning and implementing on-the-ground projects that result in quantifiable reduction in non-point sources of pollution
- b. Supported the St. Mary's River Watershed Association in the pursuit of funding opportunities for planning and implementation efforts
- c. Conducted Stormwater BMP workshops that have a direct connection to watershed improvements, enhanced water quality and habitat or environmental science education

As with other public programs, the office had to close and cancel events for the second half of the fiscal year due to the health emergency orders.

The program that remains on hold includes planning to re-instate the following after the emergency orders are lifted:

- 1.) Potential community tabling events/educational booth
 - Earth Day on the Square (Leonardtown) – Spring
 - River Fest (Historic St. Mary's City) – Saturday, late September
 - St. Mary's County Fair (St. Mary's Fairgrounds) – weekend in late September
- 2.) Workshops
 - Environmental Stewardship Event – Summer
 - Workshops: Backyard Composting, Rain Barrels, Septic Solutions 101
 - Watershed Stewards Academy – Joint – Open for Calvert and St. Mary's Counties' residents
- 3.) Current St. Mary's County programs and partner programs to help promote
 - Hazardous Waste Collection Days
 - Recycling – general practice, paper shredding
 - Backyard Buffers Program – St. Mary's WSA and Dept. of Natural Resources

3. Perform at least five public events during the permit term and report to MDE in accordance with reporting requirements.

In 2019 the following five events were supported by presentations and materials provided by both St. Mary's County and the University of Maryland Extension in support of this MCM.

1. Earth Day on the Square (Leonardtown) – April 14, 2019
2. St. Mary's County Fair – 9/19-22/2019
3. RiverFest – September 28, 2019

A Summary of the UofM Extension Activities are included in **MCM Appendix D**

4. In addition, a Public Hearing was announced through electronic and published notice and held on June 9, 2020 to present the draft *Ordinance for Pollution Prevention and Illicit Discharge Detection and Elimination*. Public comments were solicited, received and addressed. Due to the health emergency, the hearing was held virtually but did provide opportunities for attendees to submit recorded comments or to attend via a telephone call-in format.

As identified previously, once the state of emergency is past the planned activities will resume.

5. U of M Extension has already held one virtual public engagement workshop event in June 2020 for a Rain Barrel Webinar/Workshop. More of these types of events are being considered.

4. Provide public access to the permittee's MS4 Progress Reports via website or

other method and consider any substantive public comments received concerning the permittee's MS4 program.

The year 1 [Progress report](#) is published on the County's webpage for under the WIP III and NPDES topic, and includes a form for providing feedback. At this writing no specific feedback has been received relative to the MS4 Progress report.

The MS4 Program is also described in the County's [Comprehensive Plan](#) (chapter 7, section 7.9) which was updated in 2017 to inform the public of the then imminent assignment of the County as a permittee under the state's NPDES Permit.

5. Comply with all State and federal public notice requirements for any regulated activity associated with this general permit.

The County's current processes comply with COMAR Title 9, subtitle 5, St. Mary's County Open Meetings Act and Maryland's Open Meetings Act. Ordinance development and change processes meet the same access and noticing requirements for public engagement and involvement. Informational Content (including Summary reports) will be shared with the public through web page publication and public announcements.

C. Illicit Discharge Detection and Elimination (IDDE)

The County is required to develop, implement, and enforce a program to detect and eliminate illicit discharges into the MS4 in accordance with 40 CFR § 122.34(b)(3).

In order to comply with this MCM, The County must:

1. Develop and maintain an updated map of the MS4 that identifies all stormwater conveyances, outfalls, stormwater best management practices (BMPs), and waters receiving stormwater discharges.

The County has GIS Mapping of the installed BMPs within its jurisdiction as well as the county roads culverts, public and many private storm drain systems. New BMPs are included in the system once their as-built condition is found to be acceptable and thereafter are loaded into the Tri-Annual Inspection Program in accordance with the County's Ordinance and submission guidelines. The annual data spreadsheet submission provides that annual BMP data.

The County independently collects the storm drain and culvert information after projects are completed as well as continuing to collect data on legacy locations as they are identified.

To address the roadside conveyances and related outfalls, the County commissioned Maryland Environmental Services to perform GIS mapping analysis of these features to develop the necessary additional mapping. The Urbanized Area was prioritized for this activity since any inspection protocol would naturally look at that area as having the higher potential for pollutant discharges. That effort is 90% complete, and the mapping effort is now focused on rural roadways and parcels to complete this initial assessment. That effort is anticipated to be completed in December of this year.

Mapping Samples are provided in MCM Appendix E

2. Adopt an ordinance or other regulatory means that prohibits illicit discharges into the MS4

The draft Ordinance was introduced by Public Hearing on June 9, 2020. The ordinance, after review by stakeholders and MDE is scheduled for acceptance by Decision of the St. Mary's County Commissioners on October 20, 2020 with an effective date of January 4, 2021. (The actual meeting is set to occur after finalization of the final report document.)

3. Establish and document legal means for gaining access to private property to investigate and eliminate illicit discharges.

The new Pollution Prevention and IDDE Ordinance, Section 265-9. Compliance Monitoring provides the legal basis for entry to any facility having storm water discharges accessing and subsequently draining to the MS4. A refusal to allow entry is deemed a violation of the ordinance.

Violations are subject to civil citation under section 265-12 E. A determination of knowingly continuing to discharge pollutants after notification by the County is considered a Criminal offence and addressed under 265-12 F.

Section 265-12 A provides that, for discharges that constitutes an imminent or substantial endangerment to public health, the County has the right to enter the site and take necessary actions to abate the violation

4. Develop and implement written standard operating procedures (SOPs)

At this writing, the SOPs are developed and are under review to assess the resource requirements necessary to execute the SOPs and related training. The County's *Illicit Discharge Detection and Elimination (IDDE) Inspection & Investigations Program Standard Operating Procedures* are submitted under the cover letter that transmits this report to the MDE.

The following were listed in the permit as required elements of the SOP

a. An inspection checklist describing how outfalls are screened for dry

weather flows

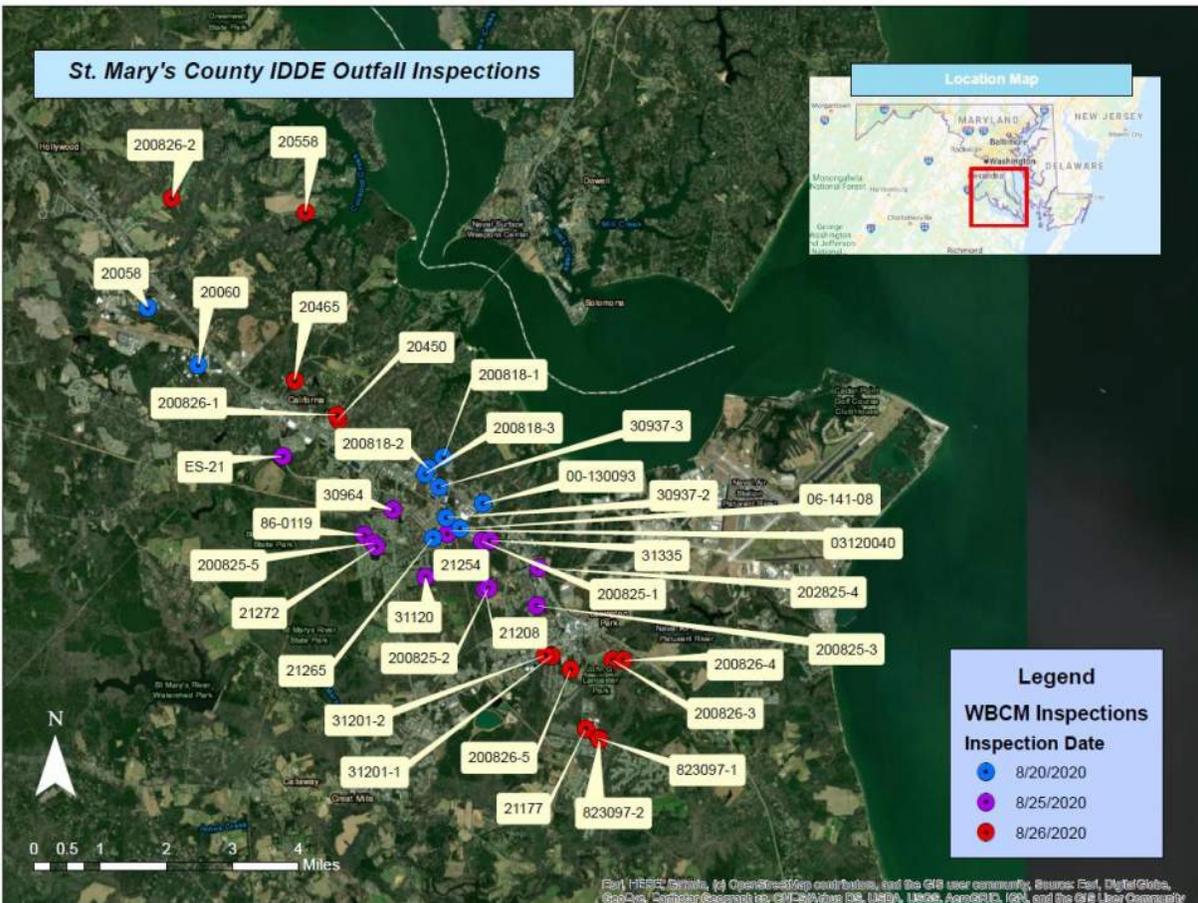
The B.2 Outfall Reconnaissance Inventory (ORI) Form has been adopted into the manual.

b. Screening of 20% of total outfalls per year, up to 100 outfalls;

Following completion of the SOP manual, a survey of 37 sites were surveyed for FY2021 to both address this requirement and provide proof of functionality for the protocols. Following staff training additional inspections will be scheduled in accordance with the prioritization protocol.

The Outfall identification and mapping effort currently has identified 2,159 outfall points for consideration.

Completed 1st Wave of Outfall Inspections



Results: of the 37 locations yielded 2 potential and 4 suspect sites for further evaluation

c. Procedures for identifying the source, and eliminating spills, illegal dumping, and other suspected illicit discharges;

Submission of the *St. Mary's County Department of Public Works & Transportation Illicit Discharge Detection and Elimination (IDDE) Inspection & Investigations Program Standard Operating Procedures* will be coincident with this report.

d. Identification of priority areas for illicit discharge screening based on pollution potential;

Prioritization is established based on 85% from the first 4 categories.

In order of Priority:

- 1 Industrial Commercial Locations
- 2 Refuse Collection Sites (County)
- 3 Restaurant Locations and Shopping Districts
- 4 Car Washes and Gas Stations
- 5 Institutional Locations
- 6 Schools
- 7 Residential
- 8 Agricultural Markets
- 9 Agricultural Producers

e. Enforcement and penalty procedures;

Based on the Enforcement actions identified in the Ordinance, County actions are driven by the need to eliminate any detected discharge in an expeditious manner.

Positive indications of discharge identified and documented as a result of the Inspection and Investigation procedures are to be followed up with contact at the location. If immediate action does not occur to eliminate the observed discharge, a written notice is to be provided by the inspector at that time including a determination of when such discharge can be eliminated. The inability to act is determined by follow up inspection. Failure to act is progressively followed up by a written Warning Notice and then a Notice of Violation. At that point both Civil and Criminal Actions are available to the County and State.

f. Procedures to inform employees, businesses, and the general public of the issues relating to illegal discharges and improper waste disposal; and

The internal guidance on implementation and the training roll-out activities are scheduled to be addressed prior to the end of calendar year 2020 to support the Ordinance effective date of January 4, 2021.

g. Coordination with adjacent/interconnected MS4 operator(s).

MS4 Minimum Control Measures - Year 2 Progress Report

1. Although not an adjacent MS4 operator, the Water and Wastewater Utility in St. Mary's County is METCOM. METCOM was created by the State Legislature in 1957 as a quasi-government, non-profit body, to supply water and sewer service to St. Mary's County in Southern Maryland. Routine coordination is maintained between the County and METCOM via plans review efforts for new projects, and Tri-annual inspections related to stormwater practices located on METCOM sites.

Since METCOM is a separate entity, its legal charter does not provide for direct cooperative operations with the County. Any water termination efforts could only occur via a specific court order. The timeliness of such an approach is therefore not viable as an approach to deny access to the MS4. METCOM itself is not a part of the MS4, however, the METCOM wastewater facilities are covered by individual Industrial Stormwater Permitting and the outfall in their immediate areas are subject to IDDE monitoring in accordance with the IDDE ordinance as are all other such industrial sites.

2. Coordination with the Military bases located in St. Mary's County is performed through their liaison office at the Patuxent River Naval Air Station. Regular Airports coordination is performed as well as routine highways support activities, ensuring a regular communication path is maintained for any projects in immediate proximity to the base lands and infrastructure.
3. The town of Leonardtown is a separate municipality that does NOT qualify for MS4 coverage at this time. The County does own several properties within the town limits. Those parcels and their associated stormwater practices are covered under the MS4. Future additional collaboration is being considered.
4. The Maryland Department of Transportation, State Highways Administration and specifically District 5, coordinate on infrastructure issues including coordination between the MS4 staff regarding design of integrated stormwater systems and maintenance responsibilities, post construction.

County IDDE Monitoring and enforcement actions will continue to utilize the existing communication channels for specific issues that arise in IDDE in these adjacent areas.

D. Construction Site Stormwater Runoff Control

The County is required to comply with Environment Article, Title 4, Subtitle 1, Annotated Code of Maryland and State erosion and sediment control regulations under COMAR 26.17.01.

In order to comply with State and federal laws and regulations pertaining to an acceptable erosion and sediment control program, The County must:

1. **Adopt an MDE approved ordinance that includes a process for plan review and approval of proposed construction drawings and erosion and sediment control plans, and inspection and enforcement procedures in accordance with COMAR 26.17.01.**
 - a. The current approved County *Stormwater Management, Grading and Erosion and Sediment Control Ordinance* (Ordinance) was revised and approved by MDE on May 14, 2013 complies with COMAR 26.17.01 with one notable clarification: St. Mary's County is NOT a delegated authority under the regulation and does not intend to request such delegation.
 - b. The current Ordinance provides a process for plan review and approval of proposed construction drawings but recognizes the St. Mary's County Soil Conservation District (SCD) office as the pertinent review authority for erosion and sediment control, and will not issue permits, absent an approved plan from SCD.
 - c. The current Ordinance contains the ability for the County to issue stop work orders for sites failing to meet the requirements of the approved E&S plan. The formal authority for identifying such a condition still resides with the MDE Inspections office.
 - d. County inspectors and DPW&T staff routinely identify such sites and advise both those responsible for the construction project and the MDE assigned Inspector of the perceived failures to affect immediate actions. The County will normally await the MDE Inspectors determination prior to taking any further actions. The MDE Inspector regularly takes any additional actions necessary negating any further action on the part of the County.
 - e. The current Ordinance requires compliance with requirements under MDE's 2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control or most recent revision and COMAR 26.17.01
 - f. The current ordinance ensures that the local sediment and erosion control plan Approval is obtained prior to issuance of any permits.

- g. Specific identification of the MDE's General Permit for Stormwater Associated with Construction Activity for projects has been included as part of current permit operations and is formalized in the draft revision of the Ordinance currently under development.

2. Develop a process for receiving, investigating, and resolving complaints from any interested party related to construction activities within the jurisdiction. Notify the complainant of the investigation and findings within seven days;

Currently, complaints are received from various offices in the County depending on who the complainant contacted. All such complaints are on a next day basis unless the County is working in some state of emergency operations. Contact is usually made immediately after the issue has been addressed assuming contact information is available. The newly updated 311 program has the flexibility to provide another means of contact and response and is currently being evaluated to determine the suitability of expanding that functionality. A formal response program does exist within the County as part of the County's Action Tracking process. Complaints are coordinated in the County Administrator's office and responses are processed back through that office. This process does not include a categorization component suitable for the requested reporting. Changes to both systems are being assessed. Necessary changes should be implementable by the end of calendar year 2020.

3. Track all active grading permits within the jurisdiction and report to MDE the disturbed areas for all active grading permits in accordance with reporting requirements;

The Current listing of Active Grading permits is included in **MCM Appendix F**.

4. Ensure that construction site inspections and enforcement procedures are performed in accordance with COMAR. As the County is not a delegated authority this requires ongoing communication and collaboration with the enforcement authority to ensure that any violations are properly addressed.

The County maintains a strong working relationship with the MDE Compliance Specialist to provide MDE with regular updates on the status of open grading permit projects in the County. Revisions to the DPW&T inspection procedures are currently under review which formalize this relationship. These procedures are provided on the County Website to ensure that developers and constructors understand how the County Ordinances are enforced during inspections.

5. Use procedures within existing municipal codes to help prevent and reduce erosion and sediment pollution into waters of the State from any construction activity. A municipality may suspend or deny the issuance of a building or grading permit when it determines that the applicant is not in compliance with an approved erosion and sediment control plan.

The current ordinance makes provisions for the requested suspense or denial actions. The County defers to the State Compliance Specialist unless specifically requested otherwise, or in the event that the issue is serious and there is an inability of MDE to respond in a timely fashion.

- 6. Ensure staff is adequately trained on proper procedures and actions to address potential discharge of pollutants into the MS4 as a result of any construction activity. The Responsible Personnel Certification on-line training course through MDE must be made available to appropriate staff.**

All Inspections, project managers and highways maintenance staff are required to maintain certification of completion of the MDE's erosion and sediment control training course. The requirement is confirmed annually during performance evaluations.

E. Post-Construction Site Stormwater Runoff Control

The County is required to maintain an acceptable stormwater management program in accordance with Environment Article, Title 4, Subtitle 2, Annotated Code of Maryland and State stormwater management regulations under COMAR 26.17.02. In order to comply with State and federal laws, regulations, the County ordinances, and procedures pertaining to an acceptable stormwater management program must:

1. **Provide plan review and approval processes, and inspection and enforcement procedures that ensure proper construction and maintenance of BMPs in accordance with COMAR 26.17.02. and be approved for use by the MDE.**

The current version of the Ordinance was approved by MDE and placed into effect on May 28, 2013 and is consistent with the purposes of Subtitle 2 of Title 4 of the Environmental Article of the Annotated Code of Maryland.

2. **Require that all new and redevelopment projects adhere to the design criteria and performance standards in the latest version of the 2000 Maryland Stormwater Design Manual, Volumes I & II (Manual). This includes that environmental site design (ESD) be implemented to the maximum extent practicable (MEP).**

The current Ordinance incorporates the latest version of the 2000 Maryland Stormwater Design Manual by reference and specifically requires ESD to the MEP implementation as a Minimum Control Measure.

3. **Maintain stormwater program implementation information and provide updates in accordance with the MS4 Progress Report that include:**
 - a. **An Urban BMP database in accordance with the database structure in Appendix B, Tables B.1.a, b, and c. This information must be annually submitted to MDE with MS4 Progress Reports**
 - b. **Total number of triennial inspections performed and verification that inspections occur at least once every three years.**

Information complying with elements a) and b) were supplied with the year on Progress Report with one informational requirement to be provided on this cycle. The latest triannual Inspection Dates will for BMPs in inventory are included with this submission.

The County verifies that Tri-annual Inspections continue to be performed at least every three years. The number of inspections increase as new facilities come online and are added to the inventory.

For FY 2020, 301 Tri-Annual Inspections were performed, and 33 new sites were also inspected or introduction into the program.as part of the program.

Additional County inspections occur as a result of the qualitative assessments for any facility (practice) falling below 7 on a 1-10 scale. That part of the program has been aggressively addressed in the past 17 months. A previous vacancy had delayed those

efforts for more than a year, until the position was refilled in May 2019. All tri-annual inspections continued to occur during this time period.

For FY2020, 573 facilities were the subject of follow up inspections. This number does not reflect the additional inspection and guidance activities necessary to support the property owners corrective work activities, re-inspections for final compliance, or re-inspections immediately prior to issuance of any necessary Notices of Violation (NOV).

c. Total number of violation notices issued and status of enforcement activities

For FY2020 twenty-eight (28) facilities were issued NOVs.

No Citations have been issued to date.

- 4 sites are now fully compliant
- 13 more sites responses were received as a result of the NOVs indicating start of corrective actions.
- 11 Sites have failed to respond and are being addressed with further attempts to make contact while drafting of citations.
- Separately, 11 other locations have yet to receive notices due to a lack of clear ownership and/or responsibility. A plan of action to address these deficiencies is currently under development with the County Attorney.

Note: The County has not previously exercised its authority in issuing Citations for stormwater practices. The process and correct legal citations were established on October 2, 2020 and are currently being drafted for issuance.

d. Summary of routine maintenance activities for all publicly owned BMPs. Maintenance plans must address periodic mowing, plant composition and health, trash and debris accumulation, sedimentation and erosion, dewatering, and overall function of the BMP in accordance with approved plans. Specify any actions taken to correct problems noted during routine maintenance activities.

The county has 60 stormwater practices in its maintenance program as of this writing including several that only require routine mowing.

Stormwater practices with landscaping features (plantings, biomaterials and mulch, filterra units) are addressed under the County's annual landscaping contract

Corrective work at of these practices that fall outside of these contracts are normally addressed though single contract purchase orders.

Administration of these contracts and purchase orders has recently been assigned to the MS4 program. Additional work is currently pending additional proposals from the contractor based on the last set of tri-annual review reports.

4. Provide training to stormwater program staff and to staff responsible for proper BMP design, performance, inspection, and routine maintenance. Report to MDE the

number of trainings offered, topics covered, and number of attendees.

County staff do not design BMPs. Design is performed by licensed professionals under contract to either the developer or the County projects team. County personnel trained to evaluate the correspondence of necessary plans to the MDE Deign Manual and its three step process, and County ordinance, under the supervision of design professionals, ensure the plans are sufficient to meet these standards.

Inspection and subsequent performance of installed BMPs is performed by a combination of contract support by Maryland Environmental Service and follow up inspection by a single County Stormwater Inspector.

The current inspector was determined to be qualified based on experience in inspections in Charles County and the Town of LaPlata. Additional contracted training in Stormwater and E&S Inspection was provided, and on-line training seminars are encouraged when available. No further training is deemed necessary at this time. Additional training opportunities are provided when available.

Routine maintenance is performed under contract to a licensed mowing and landscaping company under the administrative oversight of the MS4 Program Manager.

Total current number of staff available as attendees – 2 (two). These two individuals would constitute the trainers, should additional staff be made available.

As identified in the **MCM Appendix A**, tasks 1 and 4 for IDDE and P2 and GHK programs, training sessions are currently in draft format as of this writing and undergoing QC review. The training for IDDE inspection will be implemented immediately prior to the start of the next round of inspections. Any contract support to perform these inspections will have to be qualified based on their organizational training requirements.

F. Pollution Prevention and Good Housekeeping

The County is required to develop and implement an operation and maintenance program that includes a training component to prevent and reduce pollutant runoff from municipal operations in accordance with 40 CFR § 122.34(b)(6).

In order to comply with this MCM, the County is required to:

Ensure that appropriate staff and contractors receive training at least annually. The training must be designed to reduce or eliminate the discharge of pollutants during municipal operations.

- 1. Topics MUST include spill prevention and response, proper disposal of waste, and periodic visual inspections to detect and correct potential discharges *at properties***

owned or operated by the County.

The County contracted with Whitney Baily Cox and Magnani to perform task work in support of this (and other) MCMs. The following tasks were performed:

Subtask 1.1: Gather information on County facilities from County records, documents, plans, websites, performed telephone interviews with facility staff. Developed initial site surveying forms created for each facility type to address the issues that would be most relevant at each.

Subtask 1.2: Perform site visit of 42 County-owned-facilities sites to further refine the survey forms to the specific activities and risks (or lack of) for St. Mary's County for use in Task 1.3. Develop a survey data package for each facility (2 pages each), assembled into a consolidated report with summary recommendations, focused on the general types of activities/materials used.

Subtask 1.2: Revise the list of County MS4 facilities, identifying those which are: 1) addressed through the Industrial Stormwater Permit; 2) should be inspected regularly as part of the MS4 Program; 3) have the potential to be removed from the MS4 Program due to minor risks that can be addressed through County-level programs (i.e. pesticides, herbicides, salt application and general building maintenance); and 4) those that are not municipal or industrial in nature and should be removed from the inspection list to offer better use of the County's resources.

The full list of County properties (101 locations) was provided with the October 2019 submission of the Year 1 Progress Report. At that time the assessment of the above requirements had not been made to evaluate their needs under the MS4. The sites on that listing have been addressed under these tasks for Good Housekeeping, and only a subset of 11 locations including those associated with industrial activity fall in the category of facilities where the listed activities are performed. Those sites are designated as primaries and are identified in the table in Requirement 2, below.

2. **Develop, implement, and maintain a good housekeeping plan for permittee owned or operated properties where any of the following activities is performed:**
 - a. **maintenance of vehicles or heavy equipment, and**
 - b. **handling of any of the following materials: deicers, anti-icers, fertilizers, pesticides, road maintenance materials such as gravel and sand, or hazardous materials.**

The following sites meet these criteria and are addressed by Good Housekeeping Plans:

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FACILITY	ID #	Address
Great Mills Swimming Pool (GMSP)	03	21100 GREAT MILLS RD, Lexington Park
St. Andrews Convenience Center (ATS)	19	44595 Old St Andrews Church Rd, California
Charlotte Hall Convenience Center (CHTS)	20	37766 NEW MARKET RD, Charlotte Hall
Clements Convenience Center (CTS)	24	24547 Horse Shoe Rd, Clements Rd
Oakville Convenience Center (OTS)	30	26630 North Sandgates Rd, Mechanicsville
Wicomico Shores Golf Club (WSGC)	33	35794 Aviation Yacht Club Rd, Mechanicsville
Ridge Convenience Center (RTS)	40	13939 Point Lookout Rd, Ridge
Leonardtown Fuel Facility (CGSL)	56	41681 Baldrige SSt., Leronardtown
Valley Lee Convenience Center (VLTS)	74	45350 Happyland Road
Leonardtown Salt Barn (State Barn under CO Maint)	77	26720 Point Lookout Rd.
Building Maintenance Facility (BMF) (Wicomico Bldg)	91	41681 Baldrige SSt., Leronardtown

The plans must include the following:

- a. **A description of site activities;**
- b. **A list of potential pollutants including their sources and locations on the site. The plan must consider conveyance of stormwater entering, flowing across, and leaving the site;**
- c. **Written good housekeeping procedures designed to prevent discharge of pollutants off site that include regular visual inspections to detect potential discharges;**
- d. **Written procedures for corrective actions to address any release, spill, or leak on site; and**
- e. **Documentation of any discharge, release, leak, or spill, including date, findings, and response actions.**

MCM Appendix A, Subtask 1.3 summarizes WBCM’s procedures and checklists development for County facilities. These tools are based on industry and/or EPA best practices for use by County Building Services, County Recreation and Parks and County Engineering staff. The checklists and procedures target specific materials for the category and will aid the County in subsequent County tracking and reporting in MS4 Annual Reports.

3. The County is required to quantify, and report, pollution prevention efforts related to the following activities:

- a. **Number of miles swept, and pounds of material collected, from street sweeping and inlet cleaning programs, as applicable;**

The County has previously had a street sweeping program however that unit is now obsolete, and parts cannot be obtained. When it can be operated, it is used for spot cleaning but not as part of a program. A new unit was proposed but found to not be budgetarily feasible for 2021 and will again be requested for FY2022.

b. Good housekeeping methods for pesticide application such as integrated pest management plans or alternative techniques;

- i. [Mosquito Control](#) is performed under contract to the MDA. Herbicides are applied by MDA
- ii. The County program on [Mowing and Brush Cutting](#) identifies that the county uses Certified Pesticide applicators for this work.
- iii. The County requires all Mowing and Landscaping contractors to comply with appropriate federal, state, and local controls, permitting, or other requirements related to the application of chemicals on County property. Weed killers, pesticides, etc.
- iv. County employees routinely apply approved weed killer and log when, where and amounts used. The program descriptions are contained on the above County web site (ii).

c. Good housekeeping methods for fertilizer application such as chemical storage, landscaping with low maintenance/native species, and application procedures;

The County maintains no storage for fertilizer applications and those operations are all performed under contract. No specific actions are taken to ensure low maintenance species are utilized on existing properties; however, replacement plants are normally sourced through local nurseries via the contract landscaper without specific planting specifications. New construction, even under LEEDs review, does not yet specifically identify the necessity for sourcing low maintenance, native species plants, however the recommendation to include them in future project specification has been made.

d. Good housekeeping methods for snow and ice control such as use of pretreatment, truck calibration and storage, and salt dome storage and containment.

The County considers its snow and ice program equal to, and in some cases better than, the current SHA program. The County uses Bulk Road Salt (NaCl) for the deicing of roadways during subfreezing winter weather events. Both County and Private Contractors utilize rotary spreaders on the back of the trucks, and they are typically calibrated and set to dispense 400-600 lbs. of salt per lane mile. The application rate is adjusted based on the time of the storm event. Heavy wet snow of lesser quantities requires less and cold dry powdering snow that packs tight requires more. All salt storage is held within salt domes. A

replacement salt dome is currently under development for the main Highways Maintenance site at St. Andrews Church Rd.

e. Other good housekeeping methods performed by the permittee not listed above.

As described in the Year 1 informal report, the [County's Litter Control and Roadside Debris Removal Program](#) and its [Clean Communities Programs](#) (i.e. Neighborhood Litter Critter Program, Fall Clean-up Campaign, Adopt a County Road, and Litter Pick-up Program), both of which are administered by the County's Department of Public Works, engage citizens to actively participate in pollution prevention. The initiatives of both programs provide ongoing pollution prevention by way of routine trash/recycling pick-ups, local clean-up days, and illegal dumping citations. The County's [Nuisance Abatement](#) process assists with pollution prevention enforcement by documenting pollution prevention regulations and codifying the consequences of violations.

4. Submit in the NOI a list of properties owned or operated by the permittee where the activities listed in this MCM are performed and indicate which are covered under the Maryland General Permit for Stormwater Discharges Associated with Industrial Activity.

The properties operating under Industrial Stormwater Discharge Permits has been reduced to the following: [12SW0656](#)

**MCM APPENDIX A
DEVELOPMENTAL TASKS SUMMARY REPORT
INCLUDING
PUBLIC EDUCATION AND OUTREACH
ROLL-OUT PLAN**

ANNUAL REPORT SUMMARY / TASK STATUS - SEPT 18, 2020

TASK 1 (MCM #6): POLLUTION PREVENTION AND GOOD HOUSEKEEPING

- Subtasks
 - 1.1: Developed A Plan for Surveying County-Owned Sites for Stormwater Issue, as it relates to Pollution Prevention and Good Housekeeping issues.
 - 1.2: Surveyed of 42 County-Owned Facilities for Pollution Prevention and Good Housekeeping control compliance and issues.
 - 1.3: Developed Pollution Prevention and Good Housekeeping control procedures and materials.
 - 1.4: Conducted for Pollution Prevention and Good Housekeeping inspections of 7 County facilities.
- Completed Items:
 - ✓ Subtask 1.1: Gathered information on County facilities from County records, documents, plans, websites, performed telephone interviews with facility staff. Developed initial site surveying forms created for each facility type to address the issues that would be most relevant at each.
 - ✓ Subtask 1.2: Performed site visit of 42 County-owned-facilities sites to further refine the survey forms to the specific activities and risks (or lack of) for St. Mary's County for use in Task 1.3. Developed a survey data package for each facility (2 pages each), assembled into a consolidated report with summary recommendations, focused on the general types of activities/materials used.
 - ✓ Subtask 1.2: Revised the list of County MS4 facilities, identifying those which are: 1) addressed through the Industrial Stormwater Permit; 2) should be inspected regularly as part of the MS4 Program; 3) have the potential to be removed from the MS4 Program due to minor risks that can be addressed through County-level programs (i.e. pesticides, herbicides, salt application and general building maintenance); and 4) those that are not municipal or industrial in nature and should be removed from the inspection list to offer better use of the County's resources.
 - ✓ Subtask 1.3: Develop protocols and/or checklists for County facilities based on industry or EPA best practices suitable for use by County facility and inspection staff to identify & reduce SW impact of potential adverse practices/materials according to facility type/activities, targeting specific materials, with the ability to aid the County in subsequent County tracking and reporting in MS4 Annual Reports.
 - ✓ Subtask 1.4: Performed inspections of seven (7) County facilities, using materials developed in Subtask 1.3. This included training County staff individual on the use the newly developed inspections forms and inspection protocols.

- Submitted Deliverables:
 - ✓ Technical Memo 1.1: summary of the findings.
 - ✓ Subtask 1.2: A survey data package for each facility with summary recommendations and revised list of County MS4 facilities for future inspections.
 - ✓ Subtask 1.3: A set of checklists with methods/practices and supporting materials.
- Pending Deliverables:
 - Revise TM 1.1 to address County comments.
 - Develop inspection memorandum (TM 1.4) outlining findings and recommendations for the four (4) site inspections.

TASK 2 (MCM #1): DEVELOP PUBLIC EDUCATION AND OUTREACH MATERIALS

- Subtasks
 - 2.1: Compile and Evaluate Local Educational Materials and Outreach Methods Available
 - 2.2: Update/Produce New Educational Materials and Outreach Methods
- Completed Items:
 - ✓ Subtask 2.1: Compiled information/examples of current County educational materials and outreach methods; and identifying available sources of educational materials. Those materials were then evaluated to identify gaps in messaging or coverage, and potential resources to fill gaps or augment current material or messaging were identified.
 - An assessment was made of the County website, with regards to provided information on stormwater Pollution & Prevention and Good Housekeeping, and how easily that information can be found by the general public. An assessment of nearby County websites (Charles Co. and Calvert Co.) for potential to resources (materials as well as outreach vehicles) for St. Mary's County to leverage. The result was a catalog of readily available information.
 - A detailed search was performed of key source websites (EPA, Chesapeake Stormwater network, etc.), which was organized into a catalogue of document links and their applicability towards the various objectives of the MS4 program (i.e. Public Education & Outreach, Pollution Prevention & Good Housekeeping, and Illicit Discharge Detection & Elimination). The County's targeted audiences and topics were reviewed against the information sources in the catalogue, and initial gaps were identified. A conference call was held with University of Maryland Extension to identify information sources to address the remaining gaps.

- ✓ Subtask 2.2: Using the outreach catalog developed in Subtask 2.1, the most applicable and readily available (i.e. permission to use already granted by the creator) materials were presented to the County for selection. The selections included multiple messages from individual campaigns that would allow for easy branding and were also appropriate for the County's primary audiences. A meeting with the University of Maryland Extension is also scheduled to develop the Roll Out Plan which will identify what information will be developed for use, and in what time frames.
- ✓ Subtask 2.2: Completing the Roll Out Plan which will identify what information will be in use by the end of this Reporting Year, which will be developed for use in the subsequent Permit Year, and those which will be planned to be developed and in use by the end of this Permit Cycle.
- Pending/Ongoing Efforts:
 - Subtask 2.2: Produce new educational materials and outreach methods using the information compiled in Subtask 2.1, for use before the end of this Reporting Year.
- Submitted Deliverables:
 - ✓ Technical Memo 2.1
 - ✓ Task 2.2: Print-Ready, publicly available outreach materials that can be tailored to the County and specific audiences with minimal effort.
 - ✓ Task 2.2: Public Outreach Roll-Out Plan (Included at the end of this appendix).
- Pending Deliverables:
 - Task 2.2: Editing the identified materials to the County and its specific audiences

TASK 3 (MCMs #1, 3, 6): UPDATE EMPLOYEE TRAINING

- Subtasks
 - 3.1: Compile and Evaluate Current Training Materials and Training Program
 - 3.2: Develop New/Additional/Updated Training Materials
 - 3.2: Evaluate/Propose and Potentially Implement Alternative Methods for Delivering Training
- Completed Items:
 - ✓ Subtask 3.1: A summary of the existing training the County uses on an annual basis, which focused on the training programs related to St. Andrews Church Road and St. Mary's County Airport. This task also included evaluating the existing training programs/materials for audience, content & delivery mechanisms; and for their applicability towards the entire County vs. general industrial permit which focuses only on specific County staff-performed activities and County-owned facilities.

- Pending/Ongoing Efforts:
 - Subtask 3.2: Identify the best strategy for implementing a training PowerPoint presentation, with documentation containing links to additional relevant resources: the basics of stormwater, stormwater pollution and the MS4 Program; the County's MS4 permit, focusing on the County's regulatory requirements; the role(s) County staff play in implementing the permit and mitigating stormwater impacts.
 - Perform two in-person training presentations on Good Housekeeping procedures for County staff. (Note: IDDE training is provided in Task 4).
 - Subtask 3.3: Evaluate potential training method, including reviewing materials that utilize traditional methods (i.e. by a trainer) and those that utilize alternative (e.g. on-line recordings or interactive) training. The Good Housekeeping and IDDE training webcasts by the Chesapeake Bay Network (CBN) were assessed and found to be very effective and readily available training materials. Presentations that will serve as companion documents to the Good Housekeeping procedures developed in Task 1 and the IDDE Manual developed in Task 4 will also be provided.
- Submitted Deliverables:
 - ✓ Technical Memo 3.1: An assessment report of County's current training materials and training program, with readily usable alternative method training modules (recorded webcasts) on Good Housekeeping and IDDE Programs from the CBN.
- Pending Deliverables:
 - Task 3.2: PowerPoint presentations on County staff roles to implement the permit and mitigate impacts
 - Task 3.2: Two (2) in-person training sessions using the materials developed/identified
 - Task 3.3: A summary report of benefits that could be expected from alternative training methods

NOTE: A separate County Roll out plan is to introduce these materials across multiple organizations

TASK 4 (MCM #4): SUPPORT FOR THE ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) PROGRAM

- Subtasks
 - 4.1: IDDE Evaluations and Training County Staff
 - 4.2: Train County Staff to Conduct IDDE Evaluations
 - 4.3: Conduct IDDE Evaluations

- Completed Items:
 - ✓ Subtask 4.1: Developed a draft procedure manual for conducting IDDE evaluations with sections on: preparing for fieldwork (e.g., appropriate equipment; health and safety requirements); conducting dry weather screening; re-testing outfalls that indicate potential illicit discharges during initial screening; tracking sources of illicit discharges; reporting results; step-by-step SOPs; and required equipment and testing materials, where appropriate.
 - ✓ Subtask 4.3: Conduct 35 outfall investigations primarily in the urbanized areas; no more than four (4) days as per the manual (see Task 4.1), including additional screening if initial results indicate positive “hits” of indicators, and source investigation
 - Pending/Ongoing Efforts:
 - Subtask 4.2: Provide classroom instruction focused on the purpose and protocols included in the IDDE manual, and field training such that County staff can conduct IDDE investigations on their own. The training will be one (1) eight (8) hour day in duration and will include approximately 1-2 hours of classroom instruction on the IDDE manual and 6-7 hours of field training staff on IDDE screening.
 - Subtask 4.3: Compile a summary of outfalls screened and results to report to the County.
 - Submitted Deliverables:
 - ✓ Task 4.1: Draft procedure manual (including SOPs).
 - Pending Deliverables:
 - Revised IDDE Manual
 - Task 4.2 One (1) eight (8) hour day of training that will include approximately 1-2 hours of classroom instruction on the IDDE manual and 6-7 hours of field training staff on IDDE screening
 - Task 4.3: Technical reports for each day of IDDE screening work of IDDE screenings performed.
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St. Mary's County MS4 Public Outreach & Education (MCM #3) Roll Out Plan

Action Item 1: Modify the County website

- 1A: Enhance the updated County 311 reporting system to include additional “Service Request Types” under the category of “Suspected Stormwater Solution”, in addition to the newly added option of “Illegal Dumping of Hazardous Material/Waste”. The reporting page will include; unusual color of water in drainage ditch; unusual smell in drainage ditch/inlets; suspected septic field failure.
 - This would be performed by County DPW&T
 - Intended completion by 11/15/20

- 1B: Add a Watershed Protection & Restoration webpage to provide a more accessible starting point for stormwater-related issues and interests at the highest level permissible.
 - Provide links to the University of Maryland Extension (Extension) website related to Good Housekeeping and Public Education & Outreach, which has extensive information on lawn/pet care and septic systems.
 - Include a link to the County’s “Suspected Stormwater Pollution” reporting option.
 - Include a link to the County’s “WIP III and MS4 NPDES Permit” webpage
 - This would be performed by County IT Department/DPW&T
 - Recommend completion by 12/31/20

Action Item 2 – Develop new outreach materials

- 2A: Provide initial new materials by tailoring of most readily available materials in the EPA catalogue.
 - Use specific materials recommended by WBCM in September 2020 for County selection; edit the selected materials to refer only to St. Mary’s County and modify text to place emphasis on key audiences (where possible).
 - Post materials on County website and make available in County offices and libraries.
 - Product development would be performed by WBCM during 3rd Quarter FY2021.
 - Product posting and dissemination would be performed by the County by 4/30/2021

- 2B: Develop Partnerships with other Municipalities through the Extension.
 - Arrange a scoping meeting with the University of Maryland Extension to identify the current activities the Extension is active with that involve other Counties. The purpose of the scoping meeting would be to describe services St. Mary's County would utilize the Extension to perform. Potential areas to consider could include coordination with the Health Department Clear Water Program (Bay Restoration Fund) for septic system upgrades and hazardous waste collection days which could help reduce dumping of household chemicals in incorrect places.
 - This would be performed by County and Extension
 - Recommend completion by 5/31/2021
 - Contact Charles County to discuss adding St. Mary's County as a participant in the radio ads that are currently being broadcasted and reach St. Mary's County residents and business owners.
 - This would be performed by DPW&T
 - Recommend completion by the 12/31/2020
 - Utilize the Extension project(s) that involve Calvert and St. Mary's County, to look for more opportunities to pool resources and provide regional consistency in messaging.
 - This would be performed by the Extension under the current arrangement with St. Mary & Calvert County.
 - Recommend completion by the 12/31/21

- 2C: Provide additional materials for wide-spread use
 - In the scoping meeting in Action Item 2B with University of Maryland Extension, place a specific emphasis on identifying materials the Extension currently provides, or plans to provide, to other Counties; agree on materials to add County name/logo; agree on the conditions for use; agree on all locations/websites for use; and agree on timeline for development of each step of implementation (no later than Reporting Year 4).
 - This would be performed by DPW&T and Extension
 - Recommend completion by 2/28/21
 - Develop and post/disseminate all developed materials as agreed to in the scoping meeting with the Extension.
 - This would be performed by DPW&T and Extension
 - Recommend implementation by 4/30/21

MCM APPENDIX B
Relevant County Web Page Content

MS4 Minimum Control Measures - Year 2 Progress Report

The screenshot shows the St. Mary's County, Maryland website. At the top left is the county logo and name. On the right, there are social media icons and a status bar indicating 'Employee Status Updated: 10/1/2020 12:00 AM Normal' and 'Office Status: Normal'. Below the header is a navigation menu with items: Residents, Business, Public Agencies, Visitors, Recreation, How Do I...?, and Board Docs. A search icon is also present. Below the navigation menu are two notification banners: 'ROAD CLOSURES' and 'ST. MARY'S COUNTY GOVERNMENT COVID-19'. The main content area features a section titled 'How do I... Report' with sub-links for 'Report a Problem (Roadways & Parks)' and 'Stormwater Pollution Concerns'. At the bottom, there is a footer with social media links (Facebook, Twitter, YouTube, Flickr), a 'Find us on' section, and a 'Help' section with links for 'Report A Problem', 'Provide Feedback, Input, or Ask a Question', 'Directions', and 'RSS Feed'. The footer also includes contact information for St. Mary's County Government and a 'Contact St. Mary's County | Privacy Policy, Disclaimer of Liability and Copyright | Site Map' link.

High Level menus take reader directly to a link to allow for Stormwater Pollution reporting



Linkage is repeated on the DPW&T Page

Page Content on next 3 pages

Potential Stormwater Pollution that affect our Water Quality



[311](#) – The County’s main mechanism for reporting problems, has a reporting category for reporting **Suspected Stormwater Pollution Locations**.

The photos above provide examples of wet weather flows. Under the State’s MS4 Permit (see below), the County is required to identify stormwater outfalls to our waters, including the openings at the end of a storm drain system, that have flowing liquids when it has not rained within the last 48 hours. These flows are called dry-weather flows and can indicate a potential “illicit discharge”. Once located, discharges to the stormwater system can be evaluated or tested to identify the source.

During dry weather, any liquid entries into the storm water ditches, culverts, and drains are most likely NOT stormwater and could constitute a pollutant. But whenever you may see possible pollutants, there is a mechanism for letting us know, so we can investigate to determine the source.

We residents are most likely to notice and identify pollution to our stormwater systems. The County relies on our assistance in identifying these illicit discharges, dumping, or spills. Whether you’re a business owner or a resident, the appropriate actions need to be taken to cease the discharge and ensure proper clean up.

If you notice any spill or discharge of a suspect nature, please call 301-475-4200 and follow the prompts to our HOT LINE mailbox or use the 311 link on the County’s website to Report the Problem (in the upper corner of the page).

When you Initiate a report in [311](#), there is a category for “Potential Stormwater Pollution Locations”. Please provide a brief description of the location such as “at the storm drain near 23431 ABC Avenue” or “Wolf Rd just past ABC St”. As with any reporting issue, if you’d like feedback on the County’s determination or action, please leave some form of contact information for that follow up.

The HOT LINE mailbox is monitored by the DPW&T staff charged with MS4 Permit activities. If you prefer, just leave a message. The mailbox will take messages for both problems with existing stormwater ponds or practices and information on suspected stormwater pollution, illicit discharges, illegal dumping or spills.

A Few Definitions:

MS4 is short form for the State's General Permit for **Municipal Separate Storm Sewer Systems**. The stormwater system itself includes all ditches, culverts, swales, and storm drains that ultimately convey stormwater towards waters that feed into our streams, rivers and bay.

An **Illicit Discharge** is defined in Federal regulations as ...any discharge to an MS4 that is not composed entirely of stormwater... with some exceptions. These exceptions include discharges from NPDES-permitted industrial sources and discharges from fire-fighting activities. Illicit discharges are considered illicit because MS4s are not designed to accept, process, or discharge such non-stormwater wastes into our receiving waters.

Recognizing Potential Illicit Discharges, Connections, or Dumping

The following are indicators of potential illicit discharges into the storm drain systems. If you should notice any of the following, please report the problem.

- Unusual color or cloudiness
- Strong pungent or musty odor
- Floating debris
- Surface scum or foam
- Oil sheen
- Algae
- Dead vegetation or inhibited growth
- Dead animals
- Stains on channel bottom or sides
- Pipe corrosion
- Presence of dry weather flows

Additional Information on Water Pollution will be added to this page. Some information can be found on-line at various sites, including:

https://wwf.panda.org/knowledge_hub/teacher_resources/webfieldtrips/water_pollution/

[Paint, dumpster discharges, septic overflows, uncontrolled vehicle and equipment washes, and oil and chemical dumping are high on the list of illicit discharge occurrences.](#)

[Some pictorial examples of pollution were shown at the beginning of this page and below:](#)

MS4 Minimum Control Measures - Year 2 Progress Report



Engineering Services



APWA Certification	Archeological Investigations	Bridge Inspections
Capital Improvement Program	Complete Streets	County Engineers Association of Maryland
Development of our Roadways	FDR Boulevard	Hazard Mitigation Grants for Homeowners
Leonardtwn Library and Garvey Senior Activity Center	MACO Conduit Street	Patuxent Park Revitalization
Proposed new Ordinance	Route 245 Traffic Planning Study	Sidewalk Retrofit Program
Special Taxing Districts	Stormwater Management Inspection and Maintenance	Street Lighting and Traffic Signals
Traffic Analyses	Traffic Calming	Transportation Planning
WIP III and MS4 NPDES Permit		

The [Engineering Service](#) Pages Provide links to information on Ordinance Change, Stormwater Management Inspection and Maintenance.

The MS4 is described in the [WIPIII and MS4 NPDES](#) Permit link

Recycling & Solid Waste



Announcements	Commission on the Environment	Customer Service Questionnaire
Environmental Fee Ordinance	Environmental Monitoring	Environmental Recognition Awards
Expansion Plans	Facility Locations	Home Composting Tips
Hours of Operation	Household Hazardous Waste	Management Plans
Permits and Scale House	Recycle For Sight Program - 8-1-2016	Recycling Brochure
Recycling Programs A-Z	Reuse Directory	Rules and Regulations
Solid Waste & Rubble	Source Reduction	Special Bulk Pickup
Stickers and Fees	Take The Pledge	

The [Recycling and Solid Waste](#) page provides links to numerous environmental good housekeeping and pollution control issues.

MCM APPENDIX C

Several of the Current Public Meeting Displays

24" x 36"

MS4 Minimum Control Measures - Year 2 Progress Report

Nutrient Pollution Is Becoming One of America's Costliest and Most Challenging Environmental Problems

- Nitrogen and phosphorus pollution (aka "nutrient pollution") may sound benign, but it is anything but harmless. This pollution which comes from excess nitrogen and phosphorus, threatens the environmental and economic viability of our nation's waters.
- This pollution threatens waters used for drinking, fishing, swimming, and other recreational purposes. It can hurt the tourism industry, decimate people's home and property values, and cause illness.
- Over the last 50 years, the amount of nitrogen and phosphorus entering into our waters has escalated dramatically.
- Nutrient pollution has the potential to become one of America's costliest and most challenging environmental problems.
- We know that drinking water and environmental water quality is degrading from excess levels of nitrogen and phosphorus; the science of has been studied and documented extensively.
- Nutrient pollution is expected to grow with:
 - U.S. population growth,
 - N&P loadings from urban stormwater runoff,
 - municipal wastewater discharges,
 - air deposition, and
 - Livestock production and row crop runoff.
- Cleaning up these already degraded waters will require significant resources. And if we take no action to clean up these waters, we simply pass along these restoration costs to our children and grandchildren.
- Ground water reserves, which serve as a source of drinking water to some 105 million people nationwide, can become contaminated by nitrogen and phosphorus through soil leaching.
- Excessive nutrient loads into coastal waters can cause blooms of algae and seaweed, overgrowing corals and blocking the light they need for photosynthesis.



Clean Water Protects Human Health and Safeguards Drinking Water

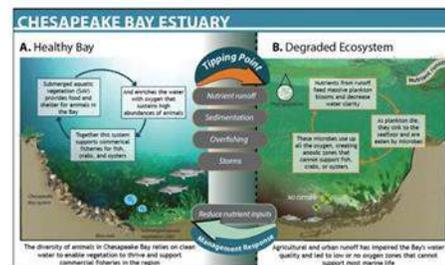
- Nutrient pollution causes harmful algae blooms—the thick, green muck that fouls clear water—that produce toxins harmful to both humans and animals, and deplete oxygen needed for fish and shellfish survival, and smother vegetation and discolor water.
- Nutrient pollution can leave swimmers with ear infections, eye infections, and stomach aches.
- Nutrient pollution can harm people by contaminating wells and local water supplies; Nitrogen-contaminated groundwater is harmful to humans, particularly to vulnerable populations such as children, the elderly, and people who have suppressed immune systems.
- Nitrate is a contaminant of drinking water in agricultural areas and is found at high levels in some vegetables, competes with uptake of iodide by the thyroid, thus potentially affecting thyroid function.
- Over the past 11 years, the number of nitrate violations has nearly doubled in the nation's community drinking water systems. In the future, nitrate concentrations in drinking water aquifers are expected to increase as shallow ground water that already has high nitrate concentrations percolates downward into aquifers.
- Surface freshwater sources of drinking water are also at risk because stormwater runoff carries nutrients directly to rivers, lakes, and reservoirs.
- High nitrate levels in drinking water have been linked to serious illness in infants, as well as other potential human health effects.
- High levels of algae in drinking water sources combined with necessary disinfection agents used in water treatment can lead to elevated levels of disinfection by-products in drinking water. These by-products have been linked to increased cancer and reproductive health risks in humans, as well as liver, kidney, and central nervous system problems.
- If not properly treated, the ingestion of water contaminated with chemicals or toxins produced by harmful algal blooms can cause gastrointestinal complications, acute or chronic liver damage, and neurological symptoms.

Agriculture and Clean Water, Together, Help to Sustain our Economy, and Clean Water Protects the Health of our Communities

- Manage nitrogen and phosphorus inputs appropriately to reduce farm and environmental costs.
- Nutrients lost from the farm are an economic cost.
- Farms depend on clean water for irrigation—31% of all surface freshwater withdrawals in the U.S. are for irrigation.



CURRENT GRADE FOR BAY WATERS: D+
(The same as in 2008)



For more information

For more information or technical assistance, call the Washington State Department of Ecology in Olympia at (360) 407-6600 or contact one of our regional offices:

Northwest Regional Office:
Bellevue (425) 649-7000

Southwest Regional Office:
Tacoma (360) 407-6300

Central Regional Office:
Yakima (509) 575-2490

Eastern Regional Office:
Spokane (509) 456-2926

To learn more about water conservation, call your local water utility.

For more information, call your county Cooperative Extension office, your county environmental health department or your Conservation District.

When you're finished with this brochure, please pass it along to a friend.

The Department of Ecology is an equal opportunity agency and does not discriminate on the basis of race, creed, color, disability, age, religion, national origin, sex, marital status, disabled veteran's status, Vietnam Era veteran's status or sexual orientation.

If you have special accommodation needs or require this document in alternative format, please contact Anne Phillips at (360) 407-6408 (voice) or (360) 407-6006 (TDD).

Cover concept courtesy of New York State Water Week Campaign.
Other illustrations by Tim Schneider

Caring for our water is everybody's business.

Tips to help you protect water at home



♻️ Printed on recycled paper 90-08-13 (rev. 4/00)

Do you know where your water comes from, and where it goes?

Clean, abundant water is one of our state's greatest treasures, whether it comes from the ground or from lakes, streams, rivers or coastal waters. We can't take it for granted.

As population grows, demand for water increases. So does the potential for pollution.

Without realizing it, ordinary people can

- ◆ waste water
- ◆ pollute it - or
- ◆ increase the amount of runoff.

Our everyday activities may send oil, pesticides, fertilizers and sediment into nearby waters.

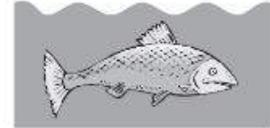
To keep our water clean—and to make sure we have enough to go around—everyone needs to help. This pamphlet offers tips on reducing water use and runoff, and keeping pollutants out of the water around our homes.



Tips for your lawn & garden

There can be too much of a good thing. Used excessively, pesticides and fertilizers can be washed from yards into waterways and ground water. Pesticides can be toxic to fish and people. Fertilizers can encourage rapid growth of plants and algae in lakes and streams. Over-watering can cause disease in plants.

◆ Use gardening chemicals only when needed, and use non-toxic products whenever possible.



- ◆ Apply fertilizers or pesticides when there's no chance of rain. Buy and mix only enough to do the job and always follow instructions.
- ◆ Compost your yard wastes. Keep grass clippings out of ravines and waterways, where they will pollute the water when they disintegrate.
- ◆ When you're watering, make sure the water goes where you want it, when you need it. Adjust your schedule to the weather and avoid watering the pavement.
- ◆ Try not to water during the heat of the day when evaporation is more likely, or when it's windy.

Tips for your sidewalk & drive

Runoff from your yard and driveway flows down the street, into a storm drain, through the storm sewer system, and directly into waterways — without treatment. Sometimes it gets into the ground water through catch basins or dry wells. Leaking oil from automobiles is a major cause of water pollution. Soil, grit and debris washed from paved surfaces often carry harmful chemicals.

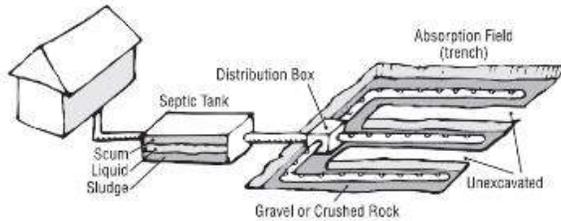


- ◆ Recycle used oil - never dump it down a storm drain or pour it on the ground. Call 1-800-RECYCLE for recycling locations.
- ◆ When hand-watering or washing your car, use a hose with a shut-off nozzle.
- ◆ Wash your car with non-toxic, low-phosphate soap, and use water sparingly.
- ◆ Sweep your walks and driveway instead of hosing them down.

Tips to control runoff

Trees, shrubs and other vegetation help rain soak into the soil. Plants filter pollutants from runoff, keep streambanks and slopes from eroding, and provide habitat for fish and wildlife.

- ◆ When you're landscaping or building on a new site, work with Mother Nature. Leave as much existing vegetation as possible, especially along waterways. Native plants usually need less care and water than ornamental varieties.
- ◆ Plant more trees, shrubs and ground covers. Minimize impervious surfaces like concrete.
- ◆ Control animal access to streams. Livestock eat the vegetation that protects the streambanks. Their hooves can cause further erosion, and their waste degrades water quality.
- ◆ Pick up your pet's wastes. Runoff can carry pollution from them into lakes and streams.



Tips for your septic system

A septic system that's working properly will save you money and last many years. A malfunctioning system can cost you a bundle and pollute ground water.

- ◆ Be careful what you flush. Don't flush oil, plastic, diapers, strong household chemicals or anything that won't decompose in water.
- ◆ Have your tank inspected every year. It may need to be pumped every three to five years. Keep good records, for yourself and the next owner.
- ◆ Conserve water. Using more than you need will shorten the life of your system.

Especially avoid using a lot of water within a short period of time.

A few more tips

- ◆ When you're washing clothes or dishes, only run full loads.
- ◆ Install faucet aerators and shower heads that restrict the flow.
- ◆ Partially fill the sink to rinse produce or dishes, instead of letting the water run.
- ◆ Buy low-phosphate cleaners and detergents. Phosphates act as a fertilizer and increase algae and aquatic weeds in waterways. When these plants die, they rob the water of oxygen and fish may die.
- ◆ Keep your vehicle maintained. Oil from leaky crankcases and fall-out from exhaust can end up on roadways and be washed into water bodies.



- ◆ Call 1-800-RECYCLE for information about recycling and disposal of chemicals, oil, paint and other household products.
- ◆ If you have a well, protect the area around it from chemicals and animals, which may pollute the ground water.

MCM APPENDIX D

**University of Maryland Extension Community Activities
FY2020 (July1, 2019 – June 30, 2020)**

University of Maryland Extension Community Activities

FY2020 (July 1, 2019 – June 30, 2020)

MCM #1 and #2

- Education and outreach metrics:
 - Examples of educational/training materials (please see write-ups below)
- Public involvement and participation metrics:
 - Number of public events/booths = 8
 - Number of participants at public events
 - Youth = 124
 - Adults = 151

BMPs

- Number of various residential scale stormwater best management practices (BMP) installed:

Number of rain barrels	19
Number of rain gardens	13
Total BMP area (sq. ft)	3,143
Total drainage area treated (sq. ft)	14,692

Impacts

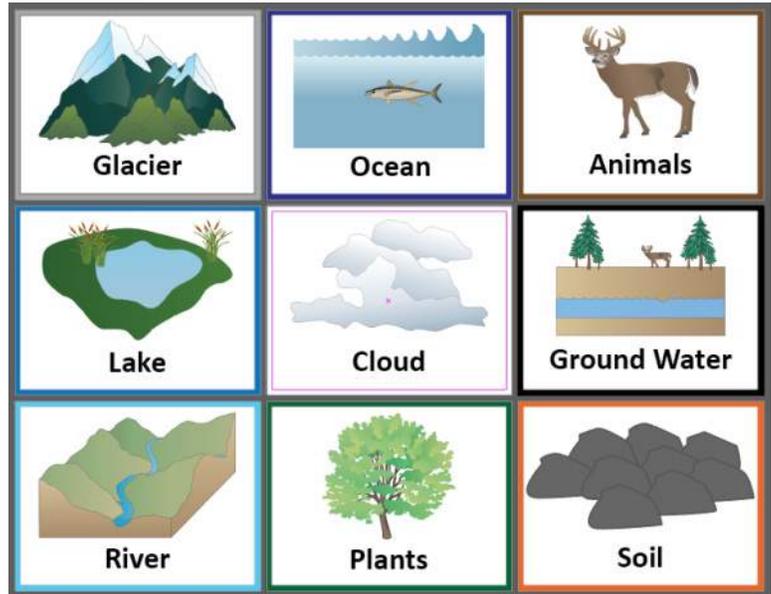
- Nutrient reductions (lbs.) from surface waters due to BMPs:
**Note: for nutrient reduction calculations, we are assuming rain barrels are treating a 500 sq. ft roof.*

Pounds of nitrogen diverted (lbs.)	2.013
Pounds of phosphorus diverted (lbs.)	0.262
Pounds of sediment diverted (lbs.)	383.5

- Grant funds awarded for local programming and projects:
 - Keep Maryland Beautiful = \$750

St. Mary's County Public Schools 21st Century Summer Program – August 6, 2019

Taught summer school students about the water cycle through a drawing exercise and hands-on activity that was designed by ProjectWet called “The Incredible Journey”. Students traveled the water cycle and collected tokens for each station/water cycle stop that they encountered.



Number of participants	
Youth	68
Adults	6

SummerFest – August 10, 2019

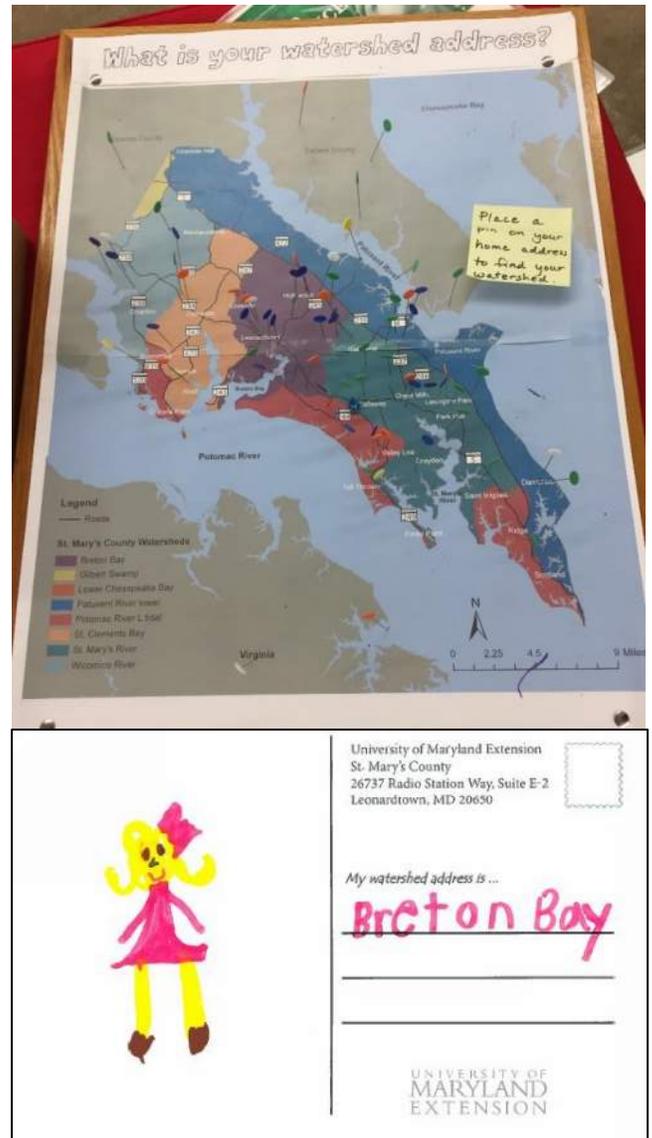
SummerFest was hosted by the Discover U Children’s Museum and held at the Leonardtown Wharf. This was an inaugural event hosted by this organization and UME tabled a booth that contained information about stormwater best management practices and a map of St. Mary’s County watersheds.

Number of participants	
Youth	2
Adults	9

St. Mary's County Fair – September 26–28, 2019

UME hosted a booth at St. Mary's County Fair in Leonardtown. Educational materials focused on identifying which watershed participants lived in and positive actions that they could take to have a healthy neighborhood and environment. A map of the St. Mary's County watersheds was provided, so that members of the public could place a pin within the watershed that they lived. They then had the opportunity to decorate a postcard with their watershed address on one side and their home address on the other. These postcards were then mailed after the event.

Number of participants	
Youth	1
Adults	84



RiverFest – September 28, 2019

UME tabled a booth at RiverFest, an annual event hosted by the St. Mary's River Watershed Association at Historic St. Mary's City. This booth focused on "Septic Smart" homeowner education. Information about how to best maintain septic systems and apply for the Clear Water/Bay Restoration Fund program with the St. Mary's County Health Department was made available to the public.

St. Mary's County STEM Festival – October 26, 2020

UME engaged local students and their families in using the scientific method to determine how many drops of water could fit on a penny. Participants first made a hypothesis, then tested that hypothesis during the experiment. We then discussed the results and the fascinating properties of water.



Number of participants	
Youth	53
Adults	23

Environmental Stewardship Webinar Series – June 2020

University of Maryland Extension (UME) partnered with the St. Mary’s County Commission on the Environment on a third annual Environmental Stewardship event. The Commission on the Environment wrote a letter of support for an application to Keep Maryland Beautiful grant, for which UME received \$750 to support the purchase of workshop materials. Due to the COVID-19 pandemic, this in-person workshop event was transitioned to a virtual webinar series. These webinars were recorded and the links to each workshop can be found below, as well as the flyer that was used to advertise for the event.

<p>June 16 – Rain Barrel 101</p> <ul style="list-style-type: none"> • 43 total participants (15 – St. Mary’s County residents) • 7 rain barrels were purchased by St. Mary’s County residents • 17 additional workshop views on YouTube as of September 25, 2020 	 <p style="text-align: center;">Webinar Recording</p>
<p>June 23 – Backyard Composting</p> <ul style="list-style-type: none"> • 59 total participants (8 – St. Mary’s County residents) • 18 additional workshop views on YouTube as of September 25, 2020 	 <p style="text-align: center;">Webinar Recording</p>

MS4 Minimum Control Measures - Year 2 Progress Report

June 30 – Septic Smart

- 40 total participants (6 – St. Mary’s County residents)
- 17 additional workshop views on YouTube as of September 25, 2020



[Webinar Recording](#)

Southern Maryland Environmental Stewardship Webinar Series

Join us Tuesday's in June at 6pm!

June 16 Rain Barrel 101

This session will focus on the practical uses for rain barrels and how they reduce the impact of runoff on our local waterways and benefit homeowners. Participants will learn how to maintain and install a rain barrel, and have the opportunity to purchase a discounted rain barrel at a later date TBD.



June 23 Backyard Composting



Learn how to turn food and yard waste into a valuable resource for your garden that's free! Compost improves soil health and water retention, and provides nutrients for plants. Backyard composting is beneficial because it reduces the amount of materials that are put in landfills.

June 30 Septic Smart

Septic tank issues can cause big problems for you, your wallet, and your community. Learn about best practices for maintaining your septic system.



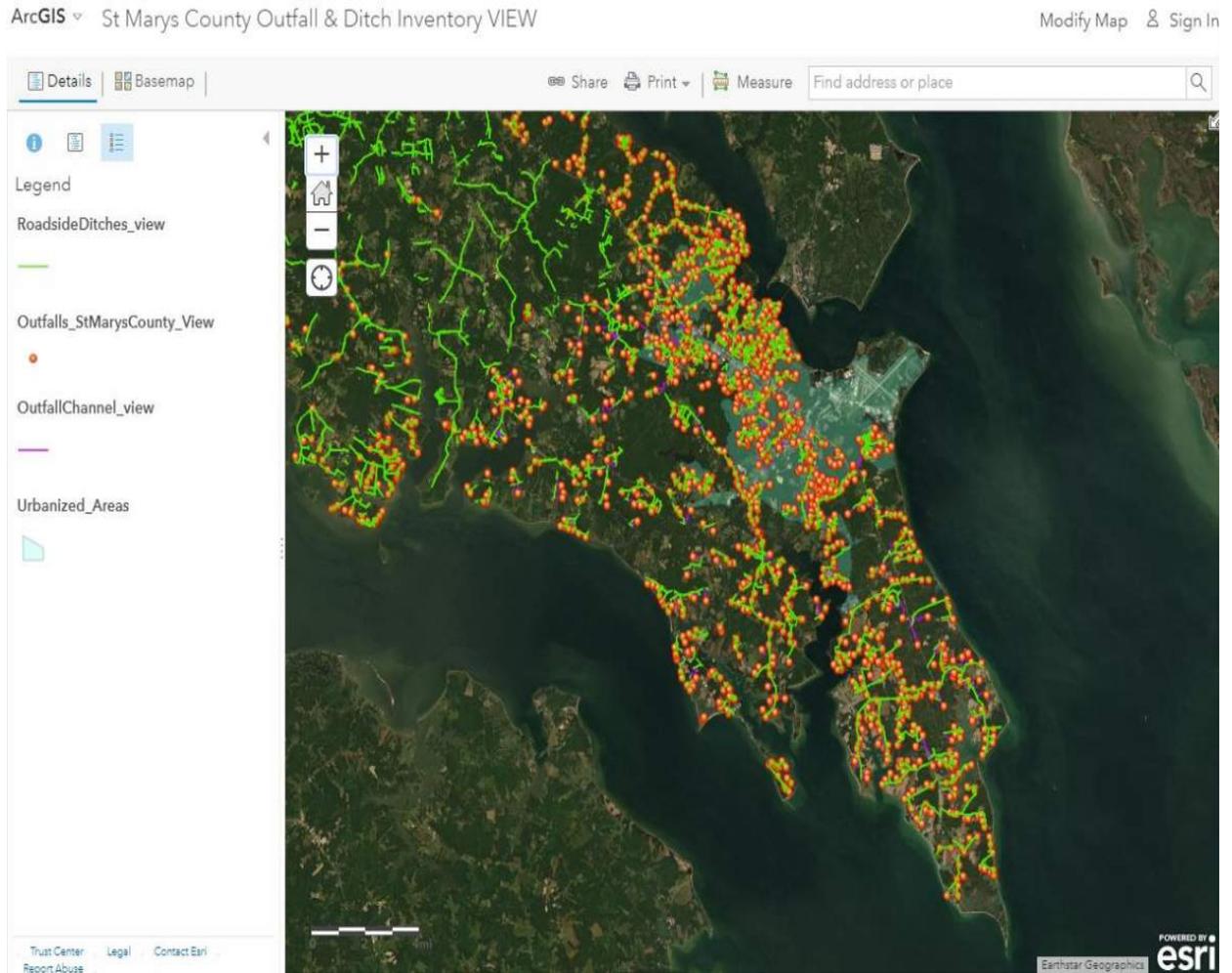
For more information and to register visit
<https://go.umd.edu/StewardshipWebinars2020>



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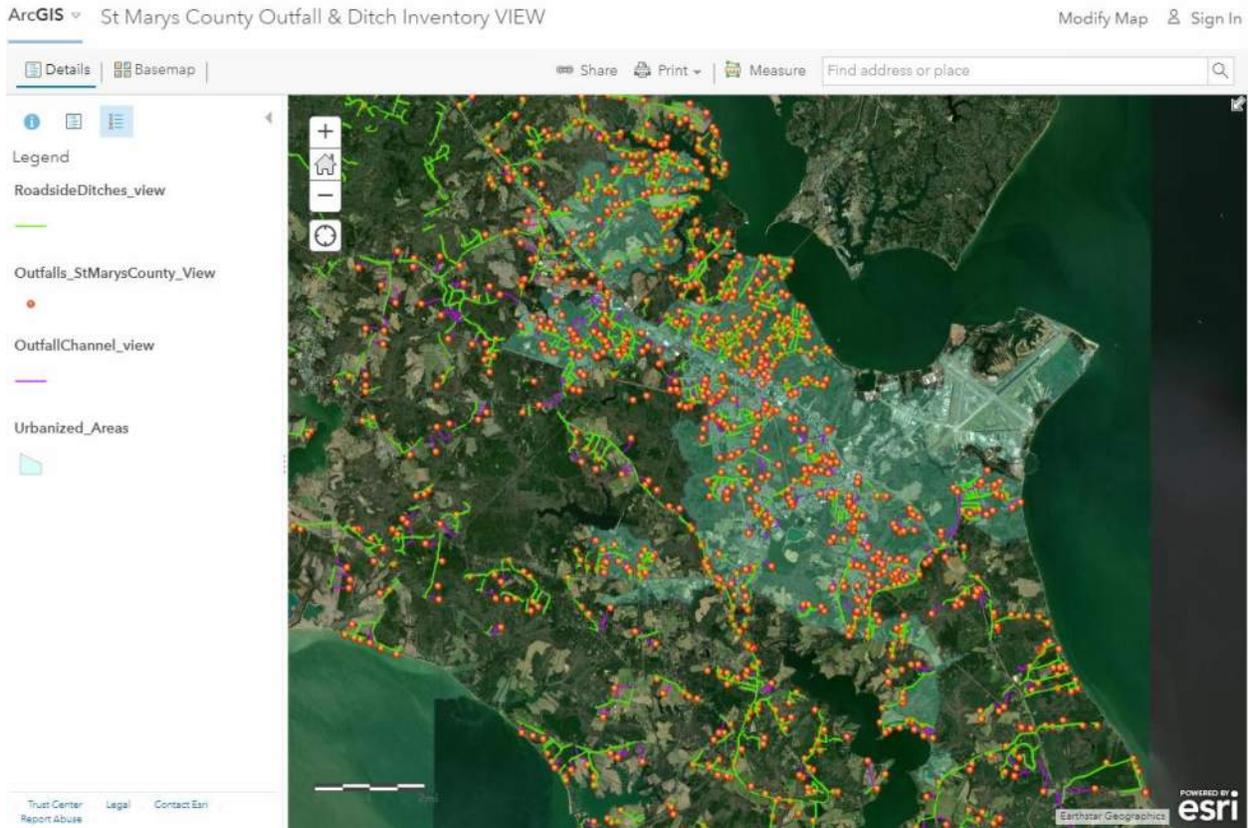
MCM APPENDIX E
GIS OUTFALL DETAIL MAPPING SAMPLES
(STILL UNDER DEVELOPMENT)

MS4 Minimum Control Measures - Year 2 Progress Report



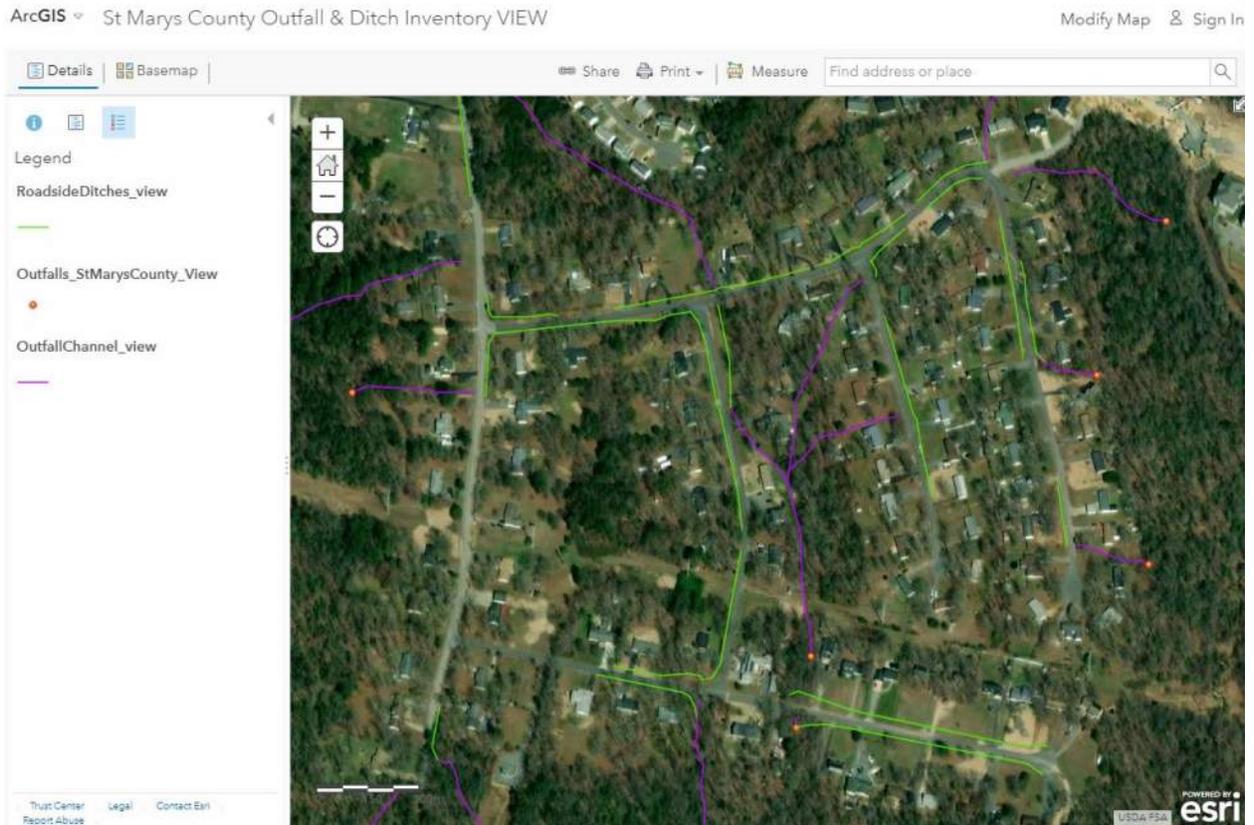
The Area on the left shows the rural areas still under development

MS4 Minimum Control Measures - Year 2 Progress Report



Lightly Shaded area is most of the 2010 Urbanized Area

MS4 Minimum Control Measures - Year 2 Progress Report



The Green represents roadside ditches and the violet represents outfall channels. The orange markers are the outfall points

Drains, culverts, road labelling, streams, etc. are left off here to emphasize the new content under development.

MCM APPENDIX F
Active Grading Permits

MS4 Minimum Control Measures - Year 2 Progress Report

St. Mary's County - Active Grading Permits as of 10/8/2020					
GP ISSUED	GP	HTE	STSP	SITE	Disturbance (AC)
4/27/1987	87-15	87-23130015	90-0077	Howlin Concrete	4.41
3/7/2017	05-26	05-23130026	02-120-006	Porto Bello Est Ph. 2 Sect. 2	21.85
11/28/2005	06-06	06-23130006	00-130-051	Woods of Rue Purchase	3.60
8/7/2006	06-16	06-23130016	05-132-002	Howlin Concrete Batch Plant	2.82
3/3/2020	07-03	07-23130003	03-120-031	Lighthouse Commons	9.36
7/13/2007	07-32	07-23130032	05-132-051	Abberly Crest Apartments Phase 2	19.00
6/3/2015	07-41	07-23130041	04-120-003	Twin Ponds Subdivision	28.30
6/8/2015	07-47	07-23130047	04-120-018	Eldorado Farms Subdivision	12.92
1/14/2013	08-08	08-23130008	04-132-011	St. Andrews Corp Ctr	1.30
5/22/2017	08-37	08-23130037	05-120-017	Sunset Ridge Subdivision	19.80
9/22/2008	08-39	08-23130039	06-132-035	Hickory Hills Motel	4.90
10/7/2008	08-51	08-23130051	05-132-031	Expedition Park	2.79
6/27/2012	09-25	09-23130025	06-132-028	Charlotte Hall Station	15.20
3/24/2017	09-47	09-23130047	05-132-012	Chesapeake Ind. Park	0.76
9/22/2009	09-49	09-23130049	08-132-001	Wildewood Retirement Village	3.28
10/14/2016	10-06	10-23130006	06-110-118	Flower of the Forest, Lot 3	2.58
9/6/2011	10-17	10-23130017	05-120-022	Charlotte Hall Industrial Subdivision	11.50
1/24/2017	10-21	10-23130021	07-120-011	Laurel Preserve South Subdivision	2.48
12/22/2016	10-44	10-23130044	04-120-029	Pembroke Sub, Ph 5	4.10
5/26/2011	11-21	11-23130021	10-131-036	Busy Corner Pit	4.98
11/5/2010	11-08	11-23130008	09-0440	Wildewood Stockpile Area	1.59
11/29/2012	12-01	12-23130001	09-110-057	Loblolly Lane, Land of	2.80
12/6/2012	13-07	13-23130007	04-132-010	Oak Crest Center, Phase One	68.44
10/22/2013	13-11	13-23130011	10-131-019	Marlay Taylor	9.98
5/12/2020	13-15	13-23130015	16-132-002	Woods Myrtle Point Sect. 6	2.99
4/14/2016	13-19	13-23130019	10-132-007	Wildewood Orchid Park, Ph. 3	5.93
6/24/2013	13-22	13-23130022	04-120-045	Elizabeth Hills, Phase 2	9.54
5/23/2014	13-23	13-23130023	10-132-013	Wildewood Evergreen Park, Sec 13	12.06
8/11/2015	13-25	13-23130025	10-132-008	Wildewood Leyland Park	15.00
1/8/2014	14-05	14-23130005	04-120-045	Elizabeth Hills Phase 4	11.00
10/1/2014	14-06	14-23130006	11-132-006	Taylor Gas Replacement Facility	3.50
2/21/2014	14-16	14-23130016	13-131-040	Bay District Training Facility	0.22
5/16/2014	14-23	14-23130023	13-132-003	Airport Hangar Project; Ph. 1 & 2	19.30
5/20/2015	14-25	14-23130025	12-132-004	Hickory Hills Water Tower	1.74
3/12/2018	14-29	14-23130029	06-132-033	Watts Commercial Center, Lot 2	3.90
8/22/2014	15-01	15-23130001	04-120-020	Woods Myrtle Point Sec1 Ph 2B 3	20.35
3/12/2015	15-12	15-23130012	04-120-045	Elizabeth Hills Subd. Phase 3	10.90
3/12/2019	15-13	15-23130013	14-132-017	Airport Aviation Tech Park, Lot 2	5.79
12/8/2016	16-06	16-23130006	13-132-014	Living Hope Church	6.20
3/7/2016	16-09	16-23130009	05-132-019	St. Mary's Marketplace (Ph. 1 & 2)	17.00
4/5/2016	16-15	16-23130015	05-120-004	Ranieri Run Phase 2	11.50
4/5/2016	16-16	16-23130016	05-120-004	Ranieri Run Phase 3	6.00
10/20/2016	17-06	17-23130006	04-120-045	Elizabeth Hills Subdivision Phase 5	42.10
5/1/2017	17-18	17-23130018	17-131-008	Pine Hill Industrial Park	0.35
9/29/2017	18-01	18-23130001	15-135-008	Callaway-Browne Tower	0.77
11/6/2019	18-11	18-23130011	14-120-003	Woodmore Subdivision	0.98
10/10/2018	18-19	18-23130019	11-132-003	St. Mary's Industrial Park, Lot 19	2.30
3/12/2019	18-20	18-23130020	16-132-002	Woods Myrtle Point Sec. 4 Rec. Area	5.38
9/30/2019	18-22	18-23130022	13-110-008	Multiflora Estates - Rose Hill Farm	4.12
4/5/2019	18-24	18-23130024	18-132-009	Woods at Myrtle Point Townhouses Section 5	11.46
10/29/2018	18-28	18-23130028	05-110-098	Horseshoe Estates Subdivision	0.99
12/13/2018	18-30	18-23130030	17-132-005	Patuxent Cove Apartments (Ph. 1)	6.48
4/3/2019	18-31	18-23130031	15-132-005	Metcom Building Addition	0.54
7/8/2020	18-32	18-23130032	14-132-011	All Kinds Veterinary Clinic	3.77
1/9/2019	18-33	18-23130033	06-132-041	Pax Dental Office	1.07
8/29/2019	18-35	18-23130035	04-132-017	Airport Industrial Pk Lots 1 & 2	5.82
5/20/2019	18-36	18-23130036	18-132-008	VA Outpatient Facility	6.62
5/10/2019	19-01	19-23130001	18-1405;19-0535	Mattingly Agriculture Bldg. Grow	12.99
1/15/2019	19-03	19-23130003	18-DPWT-97699	Airport Taxiway Relocation & Apron Expansion	14.00
5/22/2019	19-06	19-23130006	N/A	Rogers Drive Extension	1.65
6/22/2020	19-09	19-23130009	19-133-001	Second District VFD	5.20
2/20/2020	19-11	19-23130011	18-133-002	J.F. Taylor Integration Facility	8.00
6/11/2020	19-12	19-23130012	19-131-001	Southstar Concrete Plant & Lafarge Mass grading	14.27
7/19/2019	19-13	19-23130013	13-132-010	Lexington Park Ford Phase 1	13.00
7/26/2019	19-14	19-23130014	19-133-004	Toyota Annex North	2.60
12/5/2019	19-15	19-23130015	19-133-006	Willows Run Building 700	4.40
9/30/2019	19-17	19-23130017	19-0666	Tower Hill Farm Critical Area	1.38
8/26/2019	19-18	19-23130018		Buzz's Marina	5.90
8/26/2019	19-19	19-23130019	Capital Proj	Buck Hewitt Road	1.43
10/11/2019	19-21	19-23130021	Capital Proj	Patuxent Park Revitalization Sect. 5	7.45
3/18/2020	19-22	19-23130022	19-132-005	Oak Crest Center-PH.1 Lexington	24.76
11/19/2019	19-23	19-23130023	19-1841	Holcomb Property Subdivision	2.07
12/30/2019	19-27	19-23130027	Capital Proj	FDR Boulevard Ph. 3 Pond Design	33.10
3/20/2020	19-28	19-23130028	19-131-012	LP Automotive Site 2	1.59
4/1/2020	19-29	19-23130029	19-131-027	South Shangri-La Drive Greenspace	2.71
1/22/2020	19-30	19-23130030	19-131-011	Callaway Baptist Church-Minor Site	0.66
7/8/2020	20-02	20-23130002	19-133-005	Southpoint Church	9.80
3/13/2020	20-03	20-23130003	19-1811	Wildewood Subd. Sect. 1, Lot 26	0.93
8/13/2020	20-04	20-23130004	19-133-008	Hollywood Self Storage	6.00
3/20/2020	20-05	20-23130005	19-131-038	Chaptico Pk.-Soccer Field #1	3.33
3/20/2020	20-06	20-23130006	19-131-037	Chancellors Run Pk.-Athletic Field#4	3.05
3/20/2020	20-07	20-23130007	19-131-036	John G. Lancaster-Soccer Field#8	3.48
8/13/2020	20-10	20-23130010	19-135-002	Queen Tree Cell Tower	0.63
9/21/2020	20-11	20-23130011	20-131-004	Lexington Manor Passive Park	2.37
8/13/2020	20-13	20-23130013	19-132-014	R. E. Michel	1.92
7/9/2020	20-14	20-23130014	Capital Proj	Airport Extend R/W 11-29, Phase 2	31.00
7/9/2020	20-15	20-23130015	Capital Proj	Taxiway	10.00
TOTAL					744.07